

CENTENARY


COLLEGE

BULLETIN



CATALOGUE ISSUE
1961-1962

SHREVEPORT,
LOUISIANA



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BULLETIN OF

CENTENARY COLLEGE

OF LOUISIANA



ONE HUNDRED THIRTY-SEVENTH YEAR

SESSION 1961-62

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OFFICIAL COLLEGE CALENDAR

SUMMER SESSION, 1961

FIRST SESSION

June 5, Mon. 8:00 A. M. Registration
June 6, Tues. 7:00 A. M. Classwork begins
July 14, Fri. Final Examinations

SECOND SESSION

July 10-14 Registration
July 17, Mon. Classes begin
Aug. 25, Fri. Final Examinations

FALL SEMESTER, 1961-62

Sept. 15-16, Fri. & Sat.	Pre-registration Faculty Conference
Sept. 16, Sat. 12:00 Noon	Dormitories Open
Sept. 18, Mon. 9:00 A. M.	Freshman Assembly
Sept. 18, Mon. 10:00 A. M.-5:00 P. M.	Freshman Program
Sept. 19, Tues. 9:00 A. M.-4:00 P. M.	Freshman Program
Sept. 20, Wed. 8:30 A. M.-4:00 P. M.	Freshmen Register
Sept. 21, Thurs. 8:30 A. M.-4:00 P. M.	Seniors Register
	10:30 A. M.-4:00 P. M. Juniors Register
	1:00 P. M.-4:00 P. M. .. Sophomores Register
Sept. 22, Fri. 8:00 A. M.	Classwork begins
Sept. 28, Thurs.	Last day for enrolling or changing sections
Oct. 27, Fri.	Last day for dropping courses without a penalty
Nov. 18, Sat. 12:00 Noon	Mid-Semester reports due in Dean's Office
Nov. 22, Wed. 10:00 P. M.	Thanksgiving Holidays begin
Nov. 22, Wed. 10:00 P. M.	Dormitories close
Nov. 26, Sun. 12:00 Noon	Dormitories open
Nov. 27, Mon. 8:00 A. M.	Thanksgiving Holidays end
Dec. 15, Fri. 5:00 P. M.	Christmas recess begins
Dec. 16, Sat. 10:00 A. M.	Dormitories close
Jan. 1, Mon. 12:00 Noon	Dormitories open
Jan. 2, Tues. 8:00 A. M.	Christmas recess ends
Jan. 2-5	Pre-registration for spring semester
Jan. 24, Wed.	Fall semester tests begin
Jan. 26, Sat.	Fall semester tests end
Jan. 27, Sun. 10:00 A. M.	Dormitories close

SPRING SEMESTER, 1962

Feb. 4, Sun. 12:00 Noon Dormitories open
Feb. 5, Mon. 8:30 A. M.-4:00 P. M. Registration
Feb. 6, Tues. 8:00 A. M. Classwork begins
Feb. 12, Mon. Last day for enrolling or changing sections
Mar. 9, Fri. Last day for dropping courses without a penalty
Mar. 31, Sat. 12:00 Noon Mid-Semester reports due in
Dean's Office
April 18, Wed. 10:00 P. M. Easter recess begins
April 19, Thurs. 10:00 A. M. Dormitories close
April 22, Sun. 12:00 Noon Dormitories open
April 23, Mon. 8:00 A. M. Easter recess ends
May 28, Mon. 8:00 A. M. Spring semester tests begin
June 1, Fri. 5:00 P. M. Spring semester tests end
June 3, Sun. 10:50 A. M. Baccalaureate sermon
June 3, Sun. 8:00 P. M. Commencement exercises
June 4, Mon. 10:00 A. M. Dormitories close

SUMMER SESSION, 1962

FIRST SESSION

June 11, Mon. 8:00 A. M. Registration
June 12, Tues. 7:00 A. M. Classwork begins
July 20, Fri. Final Examinations

SECOND SESSION

July 16-20 Registration
July 23, Mon. 7:00 A. M. Classwork begins
Aug. 31, Fri. Final Examinations

BOARD OF TRUSTEES

OFFICERS

PAUL M. BROWN, *Chairman*

HOWARD CRUMLEY, *Vice Chairman*

EDWIN F. WHITED, *Secretary*

MEMBERS

Ex-Officio

AUBREY G. WALTON...Bishop, Louisiana Area of The Methodist Church

JOE J. MICKLE.....President, Centenary College of Louisiana

TERMS EXPIRING IN 1961

G. M. ANDERSON.....Feazel Interests, Shreveport

LAMAR BAKER4218 Chamberlain, Shreveport

J. HENRY BOWDON.....Pastor, Carrollton Avenue Methodist Church,
New Orleans

S. PERRY BROWN.....American National Bank Building, Beaumont

MILTON CROW.....Commercial National Bank Building, Shreveport

D. L. DYKES, JR.....Pastor, First Methodist Church, Shreveport

W. H. GILES.....Pastor, Slidell Methodist Church, Slidell

ROBERT E. GOODRICH, JR.....Pastor, First Methodist Church, Dallas

JAMES T. HARRIS.....Pastor, Broadmoor Methodist Church, Shreveport

A. J. HODGES.....Hodges Industries, Shreveport

MRS. E. E. HURLEY.....3954 Fairfield Avenue, Shreveport

G. W. JAMES.....T. L. James & Company, Ruston

JOHN L. SCALES, SR.....2782 Fairfield Avenue, Shreveport

B. C. TAYLOR.....Pastor, Noel Memorial Methodist Church, Shreveport

HENRY S. WEISMAN.....M. L. Bath Company, Ltd., Shreveport

EDWIN F. WHITED.....Frost-Whited Investment Co., Shreveport

TERMS EXPIRING IN 1962

J. PAT BEAIRD.....909 Commercial National Bank Bldg., Shreveport

R. ZEHNTNER BIEDENHARN....Coca-Cola Bottling Company, Shreveport

MRS. CHARLES N. CADWALLADER....2627 North St., Lincoln, Nebraska

O. S. CARPENTER....Texas Eastern Transmission Corporation, Houston

J. D. CARUTHERS.....Louisiana Bank Building, Shreveport

ROBERT H. CROSBY.....Crosby Chemicals, Inc., DeRidder

ROBERT W. FRENCH....President, The Tax Foundation, 30 Rockefeller
Plaza, New York City

MRS. D. P. HAMILTON.....3214 Centenary Boulevard, Shreveport
GUY M. HICKS.....Pastor, First Methodist Church, Alexandria
J. C. LOVE, JR.....T. L. James & Company, Ruston
VIRGIL D. MORRIS...Pastor, Istrouma Methodist Church, Baton Rouge
KARL TOOKE.....Conference Secretary of Stewardship, Arcadia
A. L. WEDGEWORTH.....Home Federal Savings & Loan Association,
Shreveport
J. ROBERT WELSH...Southwestern Electric Power Company, Shreveport
GEORGE D. WRAY.....Investments, 4001 Fairfield Avenue, Shreveport

TERMS EXPIRING IN 1963

JOHN B. ATKINS, JR....Commercial National Bank Building, Shreveport
WM. RUSSELL BARROW.....Barrow, Leary and Company, Shreveport
PAUL M. BROWN.....Bayou State Oil Corporation, Shreveport
HOWARD CRUMLEY.....Post Office Box 1401, Shreveport
MARLIN W. DRAKE.....The Drake Company, Shreveport
W. CRAWFORD FULLILOVE, JR....Commercial National Bank Building,
Shreveport
O. D. HARRISON.....Investments, 219 Milam Street, Shreveport
EMMETT R. HOOK.....Continental-American Branch, Commercial
National Bank, Shreveport
MRS. GLEN E. LASKEY.....Ruston
CARL F. LUEG.....Pastor, First Methodist Church, Lake Charles
C. H. LYONS.....Lyons & Logan, 1500 Beck Building, Shreveport
CHARLTON H. LYONS, JR.....Lyons & Logan, 1500 Beck Building,
Shreveport
H. LESLIE MCKENZIE.....Perkins-McKenzie Insurance Agency,
Baton Rouge
GEORGE D. NELSON.....Querbes & Bourquin, 214 Milam, Shreveport
BONNEAU PETERS.....Commercial National Bank Building, Shreveport
BENTLEY SLOANE.....Methodist Board of Education, Shreveport

Former Members of the Board Who Are Now
ADVISERS TO THE BOARD OF TRUSTEES
With
Honorary Lifetime Membership

W. L. DOSS, JR.....Haynesville	H. L. JOHNS...Philadelphia, Pa.
F. M. FREEMAN.....Shreveport	HENRY A. O'NEAL...Shreveport

Administrative Officers and Staff

JOE J. MICKLE, A.B., A.M., LL.D.....	<i>President</i>
R. LEONARD COOKE, A.B., M.A., B.D., LL.D.....	<i>Vice-President</i>
LEROY VOGEL, A.B., Th.B., Th.M., Ph.D.....	<i>Dean of the College</i>
J. HOWARD ALLEN, B.A., M.A., P.E.D.....	<i>Dean of Students and Director of Admissions</i>
HELEN H. LINEBERGER, B.A.....	<i>Dean of Women</i>
HOWARD M. ELDER, B.A., M.A.....	<i>Director of Evening Division</i>
MRS. NELLE BROWN, A.B.....	<i>Registrar</i>
MRS. EDNA S. WORLEY, A.B.....	<i>Assistant Registrar</i>
MRS. ALICE M. ALBENS, B.S., M.S.....	<i>Acting Head Librarian</i>
MRS. CZARENA STUART.....	<i>Circulation and Reference Librarian</i>
MRS. JO. GAINES, B.A....	<i>Assistant to Circulation and Reference Librarian</i>
MRS. MARGUERITE SAUNDERS, B.A. in L.S.....	<i>Science Librarian</i>
MRS. ANNIE RUTLEDGE.....	<i>Order Department, Library</i>
MRS. E. M. CLARK, A.B.....	<i>Manager, Bookstore</i>
HARRY DON GUYNES, A.B., B.D.....	<i>Director of Religious Activities</i>
JAMES ROBERT DOWELL, B.S.E.....	<i>Director of Alumni Affairs and Student Procurement</i>
FREDERICK H. DELANEY, B.S., M.S....	<i>Director of Development Program</i>
MRS. MARGARET McDONALD, A.B.....	<i>Director of News Bureau</i>
MRS. SUE TAYLOR BOYDSTON, A.B.....	<i>Pre-Registration Counsellor</i>
NELLIE V. STROTHER, B.A., M.A.....	<i>Pre-Registration Counsellor</i>
MRS. FANNIE NICHOLS.....	<i>Student Activities Counsellor</i>
MRS. JULIA ARCHIBALD.....	<i>Hostess, Rotary Hall</i>
MRS. EDITH HAYS.....	<i>Hostess, Hardin Hall</i>
MRS. JAY ALAN REID.....	<i>Hostess, James Dormitory</i>
MRS. LOIS THOMPSON.....	<i>Hostess, Sexton Hall</i>
MRS. FANNIE N. CARTER.....	<i>Hostess, Girls Dormitories</i>
MRS. BESS HUDGINGS.....	<i>Dietitian, Cafeteria</i>
MRS. HELEN GRIGG, R.N.....	<i>College Nurse</i>
CARL A. WILKINSON.....	<i>Business Manager</i>
JOEL THOMAS, B.S.	<i>Treasurer</i>
MRS. LELIA P. RANDOLPH, A.B.....	<i>Assistant to Treasurer</i>
MRS. MILDRED TUCKER.....	<i>Cashier</i>
MRS. RUTH TADMAN.....	<i>Business Machine Operator</i>
MRS. BONNIE BRAY.....	<i>Switchboard Operator</i>
MRS. CORNELIA BROWN.....	<i>Switchboard Operator</i>
OLIVE SCALES, B.A.....	<i>Secretary to the President</i>
MRS. VIVIAN MATTHEWS.....	<i>Secretary to the Vice-President</i>
MRS. ZAMA H. RUSSELL.....	<i>Secretary to the Dean</i>
MRS. JEWEL GIVENS.....	<i>Secretary to the Dean of Students</i>
MRS. PAT YOUNG, B.A.....	<i>Secretary to Director of Evening Division and Dean of Women</i>
MISS CAROLYN GUIN.....	<i>Secretary to Athletic Department</i>
MRS. IRMA KNOX.....	<i>Secretary to Director of Alumni Affairs</i>
MRS. NAOMI LIGHTFOOT.....	<i>Secretary to the Business Manager</i>
MRS. IRENE WINTERROWD.....	<i>Secretary to the Faculty</i>

H. E. RANEY, JR.....*Superintendent of Buildings and Grounds*
 WILLIAM H. WIGGINS.....*Custodian of Military Property*
 H. H. HOWELL.....*Custodian of Science Building*
 L. O. TOMLINSON.....*Maintenance Engineer*

Faculty Committees for 1960-61

(President and Dean are ex-officio members of all committees.)

I. FACULTY COMMITTEES

BUILDINGS AND GROUNDS: WILKINSON, Armstrong, Parker, Speairs.
 CATALOGUE: CLARK, Willingham, Wilkins, Rice.
 CREDENTIALS AND ADJUSTMENTS: BROWN, Lineberger, Allen, and Department Heads involved.
 COMMENCEMENT AND PUBLIC OCCASIONS: FORD, Pomeroy, Clark, Brown, McKnight.
 COUNSELING AND GUIDANCE: ALLEN, Lineberger and 3 Division Chairmen; Cooper, Parker, Rice.
 CURRICULUM: VOGEL, Pate, EntriKin, Clark, and Chairmen of three Divisions.
 DRAMATICS: FORD, Armstrong, Cooper, Corey, Morgan, Vogel, Willingham.
 GENERAL EDUCATION: ENTRIKIN, Davidson, Ford, Warters, Pate.
 INTERCOLLEGIATE ATHLETICS: ENTRIKIN, Carlton, Middlebrooks, Ford, Morgan.
 LIBRARY: PATE, Overdyke, Davidson, Morgan.
 SCHOLARSHIPS: DOWELL, Cooke, Boydston, Strother, Warters, Allen.
 VISUAL AIDS: PARKER, Speairs, Overdyke.

II. JOINT COMMITTEES

CHAPEL AND RELIGIOUS LIFE: POMEROY, Pledger, Allen, Guerin, Guynes, Lineberger, Teagarden, Voran, Teague, and student members: G. B. Watson, Al Holland, Joy Lambert, Jean Netterville.
 DISCIPLINE: CLARK, EntriKin, Pomeroy, Self, and student members: Ralph Mason, Jim Daigle, Jean Sealy, Fred Schwendimann, Kay Cooper.
 HONORARY DEGREES: MICKLE, Vogel, Morgan, Warters, and three board members: Taylor, James, Whited.
 LYCEUM: RUNNING, Corey, Voran, Ford, Willingham, and student members: Rod Yeager, Marie Nelson, Janet Gholson, Jack Mulkey.
 STUDENT AFFAIRS: CARLTON, Rice, McKnight, Allen, Warters, Lineberger, Teagarden, and student members: Don Tyler, Buddy Daily, Jim Hughes, Gen Compton.
 STUDENT PUBLICATIONS: McDONALD, Waits, Morgan, Menefee, and student members: Gene LaCaze, Sarah Liberto, Margaret Reeves, Maury Johnston.
 PHYSICAL WELFARE AND INTRAMURAL SPORTS: ALLEN, McKnight, Rice, and presidents of Men's and Women's Physical Education Clubs.

The Faculty

Fall 1960-61

MORTON R. ADELL, *Part-time Faculty: Psychology.*

B.A., 1938, Wayne University; M.S.W., 1941, University of Michigan.

ALICE S. ALBEN, *Assistant Professor and Acting Head Librarian.*

B.S., 1921, Dakota Wesleyan University; M. S., 1955, University of Illinois.
On staff since 1940.

RUTH JOY ALEXANDER, *Assistant Professor of Speech.*

A.B., 1944, Texas State College for Women; M.S., 1955, University of Wisconsin. On staff since 1958.

LYNN B. ALLUMS, *Part-time Faculty: Mathematics.*

B. A., 1958, University of Arkansas.

DALE ARMSTRONG, *Assistant Professor of Business.*

A.B., 1948, Centenary College; M.P.A., 1950, University of Texas; C.P.A., Louisiana. On staff since 1952.

DOVIE ARNOLD, *Part-time Faculty: Education.*

B.S.E., 1944, M.A., 1951, University of Arkansas.

LONNIE ODELL AULDS, *Part-time Faculty: Business.*

B.S., 1950, Centenary College.

RULE BEASLEY, *Instructor in Music.*

A.B., 1952, Southern Methodist University; M.M., 1958, University of Illinois; Juilliard School of Music. On staff since 1958.

GRACE BELL, *Part-time Faculty: Business.*

A.B., 1918, Northwestern State College.

LORELLE BENDER, *Part-time Faculty: English.*

B.A., 1932, M.A., 1940, Louisiana State University.

DOROTHY J. BIRD, *Part-time Faculty: Sociology.*

B.B.A., 1954, M.S., 1955, East Texas State College; Ed.D., 1958, University of Kansas.

SHIRLEY STANTON BROWN, *Part-time Faculty: Spanish.*

B.A., 1956, Millsaps College; M.A., 1959, Louisiana State University.

ROBERT L. BUCKNER, *Part-time Faculty: Music.*

B.M., 1952, Loyola University of New Orleans; MM., 1956, Oberlin Conservatory.

THOMAS N. BUNN, *Part-time Faculty: Business.*

B.S., 1954, Centenary College.

LESLIE E. BURRIS, *Instructor in English.*

B.A., 1950, Millsaps College; M.A., 1956, University of Mississippi. On staff since 1957.

FRED L. BYASSEE, *Part-time Faculty: Business.*

B.S.E., 1952, Arkansas State College.

VIRGINIA CARLTON, *Professor and Head of the Department of Mathematics.*

B.S., 1939, Centenary College; M.S., 1940, Tulane University; Ph.D., 1959, Northwestern University. On staff since 1957.

- B. P. CAUSEY, *Assistant Professor of Music*.
B.A., 1939, Northwestern State College; M.M., 1954, Northwestern University.
On staff since 1941.
- P. A. CHERRY, *Part-time Faculty: Business*.
C.P.A., State of Louisiana.
- SIN-MING CHIU,* *Assistant Professor of History and Government*.
B.A., 1949, Indiana University; M.A., 1950, State University of Iowa; Ph.D., 1958,
University of Southern California. On staff since 1955.
- EDWARD MURRAY CLARK, *Professor and Head of the Department of English*.
A.B., 1921, College of Emporia; M.A., 1933, Ph.D., 1941, University of Oklahoma. On staff since 1946.
- WILLARD COOPER, *Associate Professor and Head of the Department of Art*.
B.A., 1947, Centenary College; M.F.A., 1949, Escuela Universitaria De Bellas Artes, Mexico. On staff since 1958.
- ORLIN R. COREY, *Associate Professor and Head of Department of Speech and Dramatics*.
B.A., 1951, M.A., 1952, Baylor University. On staff since 1960.
- DONALD M. DANVERS, *Instructor in Mathematics*.
B.A., 1956, M.A., 1958, Northwestern University. On staff since 1960.
- BRYANT DAVIDSON, *Professor and Head of the Department of History and Government*.
A.B., 1925 Hendrix College; M.A., 1928, Columbia University; LL.D., 1960, Hendrix College. On staff since 1928.
- RONALD E. DEAN, *Assistant Professor of Music*.
B.A., 1954, Williams College; M.M., University of Michigan, 1957. On staff since 1960.
- A. C. DOYLE, *Part-time Faculty: Geography*.
A.B., 1931, Northwestern State College; M.A., 1946, Louisiana State University.
- HOWARD M. ELDER, *Assistant Professor of Latin and Director of the Evening Division*.
B.A., 1920, Washington and Lee University; M.A., 1927, University of Chicago.
On staff since 1959.
- JOHN B. ENTRIKIN, *Professor and Head of the Department of Chemistry*.
A.B., 1922, M.A., 1923, Southwestern University; Ph.D., 1929, State University of Iowa. On staff since 1929.
- MARY FRANCES ESTES, *Instructor in Physical Education*.
B.S., 1952, Alabama College; M.S., 1957, University of Tennessee. On staff since 1958.
- ARNOLD J. FALK, *Part-time Faculty: Sociology*.
B.A., 1939, Louisiana State University; M.S.W., 1947, Tulane University.

*On leave.

ARTHUR J. FERGUSON, *Part-time Faculty: Business.*

B.S., 1957, University of Texas.

NORMAN Z. FISHER, *Part-time Faculty: Music.*

B.A., 1942, Lewis and Clark College; M.S.M., 1946, Union Theological Seminary.

EUGENE FLEMING, *Part-time Faculty: Industrial Technology.*

B.S., 1947, Georgia Institute of Technology; Bachelor of Architecture, 1954, Harvard University; Graduate of Design, Harvard University.

ELMER LEE FORD, *Professor and Head of the Department of Foreign Languages.*

A.B., 1915, M.A., 1916, Howard College; Docteur de L'Universite de Lyon, 1927. On staff since 1929.

ELIZABETH FRIEDENBERG, *Part-time Faculty: Art.*

A.B., 1955, Centenary College; M.A., 1959, Stephen F. Austin State College; Professional Study at Art Student League; Contemporaries Workshop, Cornell University; Tschachosov School. On staff since 1952.

RALPH E. FRYBARGER, *Part-time Faculty: Speech.*

B.F.A., 1951, Ohio University; M.A., 1958, George Peabody College for Teachers.

JOHN L. GATES, *Instructor in Physical Education.*

B.S., 1959, M.S., 1960, Northwestern State College. On staff since 1960.

ROBERT U. GOODMAN, *Part-time Faculty: Government.*

B.A., 1950, Washington and Lee University; LL.B., 1953, Louisiana State University.

EDWARD GORDON, *Part-time Faculty: Mathematics.*

B.Ch.E., 1943, City College of New York; M.A., 1954, University of Southern California.

CURTIS GREEN, *Part-time Faculty: Applied Science.*

B.S., 1948, M.Ed., 1949, East Texas State Teachers College.

WILFRED L. GUERIN, *Assistant Professor of English.*

A.B., 1951, M.A., 1953, Ph.D., 1958, Tulane University. On staff since 1953.

HARRY DON GUYNES, *Instructor in Religion and Director of Religious Life.*

A.B., 1955, Centenary College; B.D., 1958, Southern Methodist University. On staff since 1959.

MARVIN WAYNE HANSON, *Assistant Professor of Chemistry.*

B.S., 1950, Centenary College; M.S., 1953, University of Houston. On staff since September, 1959.

MONAS HARLAN, *Associate Professor of Music.*

B.M., 1938, Westminster College; M.M., 1950, University of Southern California; Juilliard School of Music. On staff since 1959.

GLORIA GAFFNEY HOCKING, *Part-time Faculty: French.*

A.B., 1959, Centenary College.

CHARLES A. HICKCOX, *Professor and Head of the Department of Geology.*

B.S., 1934, Middlebury College; M.S., 1939, University of Oklahoma. On staff since 1946.

- BOBBY J. HOLLINGSWORTH, *Part-time Faculty: Mathematics.*
B.S., 1949, Louisiana Polytechnic Institute; M.S., 1951, Oklahoma A. & M. College; Ph.D., 1955, University of Kansas.
- ROBERT L. HOOD, *Part-time Faculty: Chemistry.*
B.S., 1950, Centenary College.
- ELIZABETH HUGHES, *Assistant Professor of Education.*
A.B., 1930, Centenary College; M.A., 1955, Stephen F. Austin State Teachers College. On staff since 1953.
- LEONARD JOPLING, JR., *Part-time Faculty: Speech.*
B.S., 1949, Centenary College.
- JAMES KING, *Part-time Faculty: Education.*
A.B., 1932, Centenary College; M.S., 1948, University of Arkansas.
- LOTHAR E. KLEINHANS, *Part-time Faculty: German.*
B.A., 1952, Centenary College.
- EDDY KOZAK, *Part-time Faculty: Music.*
B.M., 1959, Centenary College.
- EARLE GENE LABOR, *Assistant Professor of English.*
B.A., 1949, M.A., 1952, Southern Methodist University; Ph.D., 1960, University of Wisconsin. On staff since 1955.
- JAMES A. LATHAM, *Part-time Faculty: Mathematics.*
B.S., 1951, U. S. Naval Academy; B.P.E., 1955, M.P.E., 1956, University of Oklahoma.
- ZELPHIA B. LAYTON, *Part-time Faculty: Education.*
B.S., 1937, M.S., 1941, North Texas State College.
- ROBERT L. LINDSEY, *Part-time Faculty: Business.*
B.S., 1948, Centenary College.
- GRADY MCCARTER, JR., *Part-time Faculty: Business.*
B.B.A., 1944, University of Texas.
- ELSIE M. MCFARLAND, *Part-time Faculty: Biology.*
B.A., 1934, Grinnell College; M.A., 1936, Temple University.
- BETTY MCKNIGHT, *Assistant Professor of Mathematics.*
A.B., 1946, M.A., 1947, Southern Methodist University. On staff since 1947.
- ROBERT D. MACCURDY, *Professor and Head of the Dept. of Education.*
B.S., 1938, University of Massachusetts; M.S., 1939, Michigan State College; Ed.D., 1954, Boston University. On staff since 1960.
- AUGUST C. MADDOX, *Part-time Faculty: Mathematics.*
A.B., 1910, Hendrix College; M.A., 1916, Columbia University.
- HELEN RUFFIN MARSHALL, *Assistant Professor Emeritus of Voice.*
Graduate, 1909, New England Conservatory. On staff since 1941.
- ROBERT KINGSLAND MARQUESS, *Part-time Faculty: Business.*
B.S., 1951, St. Louis University.
- RAY C. MAYO, *Part-time Faculty: Business*
B.S., 1949, Northwestern State College.

- JOE ERNEST MAXWELL, *Part-time Faculty: Business.*
B.S., 1957, Louisiana Polytechnic Institute; M.B.A., 1959, Louisiana State University.
- ROBERT W. MEADER, *Instructor in Geology.*
Geol. Eng., 1951, Colorado School of Mines; M.S., 1956, University of Minnesota. On staff since 1959.
- OPAL P. MENEFEE, *Assistant Professor of Business.*
B.S., 1945, Louisiana Polytechnic Institute; M.B.A., 1949, Louisiana State University. On staff since 1949.
- AUDY J. MIDDLEBROOKS, *Professor of Education and Psychology.*
B.S., 1924, North Texas State Teachers College; M.A., 1928, George Peabody College for Teachers; Ed.D., 1941, Leland Stanford University. On staff since 1940.
- DAVID VERNON MIDDLETON, JR., *Part-time Faculty: Mathematics.*
B.S., 1949, Centenary College; M.Ed., 1952, Louisiana State University.
- OTHA KING MILES, *Professor Emeritus of Education and Psychology.*
A.B., 1931, Centenary College; M.A., 1932, Ph.D., 1942, University of Texas. On staff since 1943.
- KARL G. MILLER, *Master Sergeant, U. S. Army, Instructor of Military Science and Tactics.*
- MARGARET RUTH MOOD, *Part-time Faculty: Spanish.*
A.B., M.A., Texas University.
- JAMES DOUGLAS MOOTY, *Instructor in Physical Education.*
B.S., 1951, Centenary College. On staff since 1956.
- IRA LEE MORGAN, *Associate Professor of English.*
B.A., 1949, Hendrix College; M.A., 1950, University of Tennessee; Ph.D., 1954, University of Florida. On staff since 1954.
- W. DARRELL OVERDYKE, *Professor of History and Government.*
A.B., 1928, Centenary College; M.A., 1930, Louisiana State University; Ph.D., 1941, Duke University. On staff since 1934.
- EDMOND M. PARKER, *Associate Professor of Industrial Technology.*
B.S., 1946, Southeastern Oklahoma State College; M.S., 1950, East Texas State Teachers College. On staff since 1947.
- WOODROW W. PATE, *Professor of Economics and Head of the Department of Economics and Business.*
A.B., 1936, Henderson State Teachers College; M.A., 1938, Louisiana State University; Ph.D., 1949, University of North Carolina. On staff since 1949.
- FRANCES MARY PERKINS, *Assistant Professor of Piano and Theory.*
A.B., 1944, B.M., 1947, Centenary College; M.M., 1947, Chicago Musical College. On staff since 1947.
- W. FERRELL PLEDGER, *Professor of Sociology and Bible, and Head of the Department of Sociology.*
B.A., 1935, M.A., 1936, Southwestern University; B.D., 1937, Duke University; Ph.D., 1944, Hartford Seminary Foundation. On staff since 1953.

WEBB DONNOLLY POMEROY, *Professor and Head of the Department of Religion.*

A.B., 1944, Centenary College; B.D., 1946, Union Theological Seminary; Ph.D., 1953, University of Edinburgh. On staff since 1953.

KATYE L. POSEY, *Part-time Faculty: Education.*

B.A., 1941, Northwestern State College.

LEO G. RAUB, *Professor and Head of the Department of Physics and Industrial Technology.*

A.B., 1916, Oberlin College; Ph.D., 1921, University of Nebraska. On staff since 1958.

LENORE REES, *Assistant Professor of Spanish.*

A.B., 1937 Scarritt College; M.A., 1937, The National University of Mexico. On staff 1947-52 and since 1956.

SIDNEY W. RICE, *Professor and Head of the Department of Physical Education.*

A.B., 1937, Lincoln Memorial University; M.A., 1944, Columbia University; Ed.D., 1955, Boston University. On staff since 1956.

ROBERT LEWIS RIDINGS, *Part-time Faculty: Mathematics.*

B.P.E., 1957; M.S., 1958, Texas A.&M. College.

WALTER S. RITCHIE, *Part-time Faculty: Chemistry.*

B.S., 1916, Ohio State; A.M., 1918, University of Missouri; Ph.D., 1922. On staff since 1960.

MILTON I. ROSENZWEIG, *Part-time Faculty: Psychology.*

B.S., 1949, City College of New York; M. S., 1951, University of Miami.

JAMES L. ROURKE, *Sergeant First Class, U. S. Army, Instructor of Military Science and Tactics.*

JOSEPH M. RUNNING, *Professor of Piano and Head of School of Music.*

B.M., 1939, St. Olaf College; Graduate study: Philadelphia Conservatory, Stanford University, and Florida State University. On staff since 1958.

LEROY H. SCOTT, JR., *Part-time Faculty: Physics.*

B.S., 1943, Centenary College; LL.B., 1950, Louisiana State University.

ROBERT S. SCOTT, *Lieutenant Colonel, U. S. Army, Professor and Head of the Department of Military Science and Tactics.*

B.S., 1937, University of New Mexico. On staff since 1957.

DURWOOD F. SEARCY, *Part-time Faculty: Physics.*

B.S., 1952, Georgia Tech.

FARIEBEE PARKER SELF, *Assistant Professor of Mathematics.*

A.B., 1928, Northwestern State College; M.A., 1940, Louisiana State University. On staff since 1946.

NOLAN G. SHAW,* *Instructor in Geology.*

A.B., 1951, Baylor University; M.S., 1959, Southern Methodist University.

* On leave.

- JOHN F. SHENAUT, *Associate Professor of Violin and Orchestra*.
B.M., 1938, American Conservatory of Music; M.M., 1940, University of Michigan. On staff since 1948.
- ORVIS V. SIGLER, JR., *Basketball Coach and Director of Intercollegiate Athletics*.
B.S., 1948, Southwest Missouri State College. On staff since 1958.
- BENTLEY SLOANE, *Part-time Faculty: Religion*.
A.B., 1927, Centenary College; M.A., 1936, Southern Methodist University.
- ROBERT E. SMITH, *Professor Emeritus of Biblical Literature*.
A.M., B.D., Vanderbilt University; D.D., Birmingham Southern College, Litt.D., Southwestern University. On staff since 1920.
- CARNEY R. SODERBERG, *Part-time Faculty: Geology*.
B.A., 1943, South Dakota State School of Mines.
- RICHARD K. SPEAIRS, JR., *Associate Professor of Biology*.
B.S., 1941, Oklahoma A. & M. College; M.S., 1947, Ph.D., 1957, Louisiana State University. On staff since 1949.
- JAMES R. STEWART, JR., *Part-time Faculty: Industrial Technology*.
B.S., 1950, Louisiana Polytechnic Institute; M.G.T., 1952, Illinois Institute of Technology.
- BRUNO STRAUSS, *Professor of German and History*.
Ph.D., 1911, University of Berlin. On staff since 1939.
- LEE B. SUTTON, *Part-time Faculty: Art*.
B.A., 1951, B.I.D., 1951, Oklahoma A. & M. College.
- JACK E. TEAGARDEN, *Associate Professor of English*.
B.A., 1949, Rollins College; M.A., 1951, University of Tennessee; Ph.D., 1957, University of Florida. On staff since 1956.
- WILLIAM CHANDLER TEAGUE, *Assistant Professor of Music*.
B.M., 1948, Curtis Institute of Music. On staff since 1948.
- SAMUEL TERRANOVA, *Part-time Faculty: Music*.
Professor of Music, Conservatorio Cherubini, Florence, Italy, 1957; B.M., Centenary College, 1959. On staff since 1957.
- FAGAN F. THOMPSON, *Part-time Faculty: Psychology*.
B.S., 1923, George Peabody College for Teachers; M.A., 1924, B.D., 1927, Vanderbilt University; Ph.D., 1931, Edinburgh University.
- RAY TIMM, *Instructor in Physical Education*.
B.S., 1959, Northwestern State College.
- MILTON C. TRICHEL, JR., *Part-time Faculty: Business*.
B.S., 1930, Centenary College; LL.B., 1932 Columbia University.
- FRANCES C. VICK, *Part-time Faculty: English*.
B.A., 1938, Women's College of the University of North Carolina; M.A., 1947, University of North Carolina.

LEROY VOGEL, *Professor of History and Government and Dean of the College.*

A.B., 1932, Th.B., 1935, Calvin College and Seminary; Th.M., 1936, Princeton Seminary; Ph.D., 1938, Heidelberg University. On staff since 1946.

ALVIN C. VORAN, *Assistant Professor of Choral Literature.*

A.B., 1928, McPherson College; B.M., 1932, Chicago Conservatory of Music; Mus.D., 1957, McPherson College. On staff since 1937.

LLOYD L. WAITE, *Part-time Faculty: Sociology.*

B.S., 1935, M.A., 1937, Ohio State University.

JULIUS W. WAITS, *Assistant Professor of Business.*

B.A., 1954, Millsaps College; M.A., 1956, Duke University. On staff since 1957.

MARTIN WALLACE, *Part-time Faculty: Business.*

B.S.M.E., 1935, Louisiana State University; M.S., 1936, University of Michigan.

MARY WARTERS, *Professor and Head of the Department of Biology.*

A.B., 1923, Shorter College; M.A., 1925, Ohio State University; Ph.D., 1943, University of Texas. On staff since 1927.

ROBERT WEDDLE, *Part-time Faculty: Business.*

Tonkawa Jr. College, 1937; B.S., 1940, Oklahoma A. & M. College.

RALPH E. WHITE, *Professor Emeritus of Modern Languages.*

A.B., 1916, M.A., 1923, Emory University; Ph.D., 1949, University of Texas. On staff since 1927.

DONALD F. WEIGEL, *Part-time Faculty: Business.*

B.S., 1935, M.A., 1947, Ohio State University.

ORIN P. WILKINS, *Associate Professor of Biology.*

B.A., 1946, M.A., 1948, Ph.D., 1955, University of Texas. On staff since 1955.

JOHN ROBERT WILLINGHAM, *Professor of English.*

B.A., 1940, East Texas State Teachers College; B.S.L.S., 1940, M. A. 1948, North Texas State College; Ph.D., 1953, University of Oklahoma. On staff since 1954.

General Information

Ownership-Accrediting-Degrees

CENTENARY COLLEGE OF LOUISIANA is a private, coeducational, liberal arts college, owned by the Louisiana Conference of the Methodist Church and operated by a Board of Trustees nominated by the Board and approved by the Conference. It is a member of the Association of American Colleges and is fully accredited by the Southern Association of Colleges and Secondary Schools. Its School of Music is a member of the National Association of Schools of Music. It offers a four-year program leading to degrees of *Bachelor of Arts, Bachelor of Science, and Bachelor of Music*. The College is also approved for membership recognition by the American Association of University Women.

Purpose

It is the purpose of the college

To prepare its students for maximum usefulness and service to society, based upon Christian principles and ethics.

To provide its students with basic understanding of human affairs and to prepare them to think clearly, honestly, and constructively on the fundamental problems of mankind.

To introduce its students to the arts and sciences that they may live enriched by an enjoyment of the cultural heritage of civilization.

To train its students in the principles and techniques of the profession, business, or other worthy occupation which they may select as their life's work.

To accomplish these aims, the faculty and staff gives attention to the abilities and needs of each student and seeks to provide an atmosphere in which he may develop to his best potentials and acquire qualities of character which will equip him for leadership in society.

Environment

The College functions in an expanding urban community of some two hundred thousand at the hub of a tri-state area known as the Ark-La-Tex. It is a community offering unusual cultural opportunities. Students who have musical talent may develop it not only on the campus in the Centenary Choir or the College Band, but also off the campus in the Shreveport Symphony Orchestra, the Shreveport Civic Opera, and the many fine church choirs and other musical organizations of the city. Those with dramatic talent may win roles not only in the plays presented by the Speech and Dramatics Department, but also with such organizations as the Summer Theatre. For non-participating students, the chance to attend the concerts and plays of these organizations, and to hear and see professional artists of first rank in the Community Concerts and the Variety Attractions as well as in the College's own lyceum series, is opportunity to broaden cultural appreciation which should not be missed. The city recreational program also makes use of students interested in directing games and sports. For the student

who plans to enter the commercial or industrial world, there are many opportunities to observe processes and commercial practices in actual operation, and for some there is opportunity to participate in them through part-time employment.

History

Centenary College of Louisiana has a long and worthy history of educational service. Its first component, the oldest college in Louisiana, was founded by the state at Jackson in 1825 and until 1845 was called the College of Louisiana. In 1839, the hundredth anniversary of Methodism, the Mississippi Conference founded a college called Centenary at Clinton, Mississippi. The following year this college moved to Brandon Springs, Mississippi, where it graduated its first class in 1844. In 1845, when the state was about to close the College of Louisiana, friends of Centenary arranged for it to acquire the buildings and grounds at Jackson, where Centenary College became Centenary College of Louisiana, the official name still used.

Before the Civil War, the College became one of the leading institutions of the South, with an enrollment of nearly two hundred and fifty annually. The war interrupted its services from 1861 to 1866. In October, 1861, the faculty met and wrote, across a blank page of minutes, "Students have all gone to war. College suspended and God help the Right." Nearly every member of the senior class and many others of the student body and faculty gave their lives in the struggle.

In the difficult years of reconstruction, the College struggled valiantly and contributed much to the leadership of its territory. For its increasing prosperity and effectiveness, it owed much to Bishop John C. Keener, its friend for some forty years. The bishop drove many a mile in his buggy, soliciting funds to maintain the college he loved.

Although a cultural center for nearly a century, in 1900, Jackson was still a village, by-passed by railroads and lacking other advantages which changing conditions demanded in a college site. Early in the new century, Centenary was invited to move to the growing Shreveport. J. B. Atkins, J. W. Atkins, and their associates offered forty acres for a campus, and citizens of Shreveport gave a substantial sum for buildings and equipment. In 1908, the College opened its first session in its new location. Its steady growth since in endowment, facilities, and student body attests the wisdom of the move.

The College celebrated its hundredth anniversary in 1925, and soon after graduated its first class of over a hundred. After weathering the depression years with great sacrifice but increased faith in its opportunity on the part of its faculty and staff, Centenary approached its one hundred and twenty-fifth anniversary with such evident success that it attracted notable support from individual donors, from corporations, and from national foundations. It now has a basic endowment well over four million dollars, as well as income from "living endowments," from the churches of the Louisiana Conference, and from specially designated scholarship funds.

Campus and Buildings

The campus is a shaded forty-acre tract on which the principal classroom, administrative, and residential building are located and an adjoining thirty acres devoted to an athletic and drill field, to the R.O.T.C. Building, to veterans' housing and campus utilities. Among the important college buildings are these:

The Administration Building, housing administrative offices and classrooms used by departments of History and Religion.

Jackson Hall, containing the main library and the offices and classrooms of the Art, the English, and the Foreign Languages departments.

The Science Hall, containing the offices, the classrooms, and the laboratories of the departments of Biology, Botany, Chemistry, Commerce, Geology, Physics and Industrial Technology, Psychology, Education, Mathematics, and sociology, a small auditorium of general use, and the Science Library.

The Music Hall, containing studios, offices, practice rooms, and a small auditorium, all used by the School of Music.

The R.O.T.C. Building, providing offices, class rooms, equipment rooms, and a rifle range for the Department of Military Science and Tactics.

The Haynes Memorial Gymnasium, the gift of the late W. A. Haynes, which since his death has been re-named in his memory. It houses a basketball floor, handball courts, the "C" Club Room, and offices and classrooms for the Department of Health and Physical Education.

The Randle T. Moore Student Activities Building, a completely modern, air-conditioned building containing a large recreation hall, a book store, a snack bar, alumni offices, offices of campus publications, and the campus post office.

The Brown Memorial Chapel, the gift of Paul M. and S. Perry Bown in memory of their parents, the Reverend Paul M. and Mrs. Brown, and of their brother, Ellis Brown, containing besides the main chapel capable of seating the present student body, a meditation chapel and the office of the Director of Religious Activities.

The R. E. Smith Religious Activities Building, the gift of the Louisiana Conference of the Methodist Church, is now under construction and will be ready for occupancy in September 1961.

The Cafeteria, a modern air-conditioned building used first in 1956.

The Marjorie Lyons Playhouse, the gift of the Charlton H. Lyons family, providing a magnificent modern theatre together with workshops, classrooms, and offices for the Department of Speech and Dramatics.

The Open-Air Theatre, seating twenty-five hundred and used for plays, concerts, commencements, and other open air assemblies.

The James Memorial Dormitory, the gift of T. L. James and Company in memory of T. L. James, its founder, providing housing for ninety-six women. It is air-conditioned.

Hardin Hall, a dormitory named in honor of the late Dean John

A. Hardin, housing sixty-eight women. It is air-conditioned, and was first occupied in 1957.

Sexton Hall, a dormitory named in honor of the late President George Samuel Sexton, housing eighty-four women, first occupied the fall of 1960.

Rotary Hall, a dormitory housing one hundred thirty-six men.

Veterans' Villa, a community of forty two-bedroom units for married veterans.

Libraries

The Libraries contain about forty-five thousand volumes and four hundred periodicals and newspapers. The main library occupies the top floor of Jackson Hall; the Science library is on the first floor of the Science building. Since materials are selected by the faculty and library staff to meet the needs of a modern liberal arts college few textbooks are purchased. Both libraries have open book stacks which make all materials readily accessible to both students and faculty. A microfilm reader and a microcard reader are located in the Main library. The Bonneau Peters Memorial room contains listening equipment and a small but carefully selected collection of records is available.

Lyceum Series

The Lyceum Series brings outstanding musical and dramatic performances to the campus each year. Such attractions as Charles Laughton, Richard Tucker, Leonard Warren, Astrid Varnay, Claude Raines, the Westminster Choir, The Columbus Boys' Choir, the Margaret Webster Hamlet, and the National Symphony have appeared on this series. No admission is charged Centenary students, as the cost is included in the tuition rate.

Counseling Service

The college provides personnel and facilities for vocational guidance, academic guidance, personal guidance, social guidance, and religious guidance for all students who care to make use of them.

New students are required to attend an orientation program at the beginning of each fall semester. At this time information about the student, including personal information, high school grades, interest test results, English proficiency, and intelligence scores are gathered and assembled in one folder, which is given to the student's faculty counselor. A conference is scheduled between the student and the counselor, at which the counselor helps the student plan his schedule of study. Counselors are assigned on the basis of the student's special interest and intended major field.

Periodical checks are made on each student's academic progress, class attendance, etc. Students are urged to confer with their counselors several times each semester. Counselors are available for appointments during the day and will encourage students to meet with them.

Health Service

The Student Health Service aids students in these ways:

All regular students, campus residents and out-of-city students living off campus are required to have completed a physical examination prior to the first enrollment. A chest X-ray mobile unit is brought to the campus at the time of enrollment, and every regular resident student receives a chest X-ray. All students are encouraged to take advantage of the X-ray service.

The services of a registered nurse are provided; she may be consulted in her office from 8 to 12 and from 1 to 4, Mondays through Fridays. Emergencies only will be treated at other hours.

Conferences about health, minor treatments, calls on bed patients in dormitories, and follow-up checks on health deficiencies discovered by the physical examinations are included in the work of the college nurse. But major surgery, illness requiring hospitalization, contagious diseases which by law require isolation, and cases requiring the services of a specialist are not included in this health service and must be at the student's expense. Infirmarys, however, are maintained in James Dormitory, Hardin Hall and Rotary Hall, and professional care is provided. Routine treatments, such as allergy inoculations, may be continued at the Student Health Service upon recommendation of the attending physician.

Student Organizations

Each student has full opportunity for training and participation in social life outside the classroom. He will find an extensive program of extra-curricular organizations and activities. Among the clubs and student groups are the honor societies and service groups, requiring a high grade-point standing for admission; the departmental clubs, emphasizing vocational interests; the organizations of the larger religious denominations on the campus; the Centenary Choir, the Band, the Dramatics Workshop, the intramural and the varsity athletic teams; and the staffs of student publications. Each organization has its own rules for membership or participation, and all except the athletic teams are under the general control of the Dean of Students and the specific supervision of the faculty sponsor or supervisor provided for each.

There are also five national social fraternities with chapters on the campus, as well as organizations for independent men and women.

Student Government and Honor System

The student body is governed by a Student Senate, composed of the elected officers of the student body, the president of each college class, and representatives at large from the Inter-Fraternity Council, the Pan-Hellenic Council, the non-fraternity men, and the non-fraternity women. Three faculty members serve as advisers to the Senate. A constitution and by-laws adopted by the student body guide all phases of student life except those directly affecting college policy.

Each student who enrolls in the College becomes a responsible

member of the college community. By matriculating, he assumes the obligation to act in accord with recognized standards of honesty, decency, and integrity in fulfilling the regulations and requirements of academic work. These standards are set forth in an "Honor Code" which is administered by the students through an Honor Court of five selected students. Violations of the code are dealt with by this court.

Chapel Attendance

All regular students are required to attend the weekly chapel services and student assemblies. For details concerning the administration of this requirement, see "General Education 121," page 69.

Student Housing

All student housing is under the jurisdiction of the Dean of Students. Unmarried students not living in the homes of relatives are required to live in the college dormitories. Any off-campus housing of students above freshman standing must be approved by the Dean of Students or the Dean of Women. Some housing is available for married students and their families. Two-bedroom apartments on the campus are rented to such students on a monthly basis.

Regulations governing dormitories are posted in each dormitory. Students living in dormitories must furnish their own bed linen, covers, and pillows, and their towels, curtains, and rugs.

Students living in women's dormitories are not permitted to leave the city, except to return to their homes for regular vacation periods, without permission of the Dean of Women, or some other administrative officer of the College, should the Dean of Women be unavailable.

Dormitories are closed whenever the College is not officially in session.

All students living in dormitories are required to eat at the College Cafeteria.

A \$25 room-deposit is required to reserve a room in any dormitory. It will be refunded if the reservation is cancelled up to one month before the published date of registration. Prospective students should make their room-deposits as early as possible, as room assignments are made in the order in which they are received. Students may request specific rooms and, where possible, these requests will be granted. Students desiring to room together should make it known at the time they make their room-deposits.

All requests for information about any type of student housing and all housing reservations should be directed to the Dean of Students.

Student Accident Insurance

All full-time students (those taking twelve or more semester credit hours) are automatically insured against accident and accidental death at no additional cost to the student. This insurance is in effect twenty-four hours a day for the nine-month school year. Thus the coverage includes such interim vacations as Christmas and Easter. It provides these benefits:

1. Accident Expenses: for *each* accident occurring during the policy term, the policy pays up to a limit of \$500. This is an unallocated amount which may be used as necessary to pay for such expenses as hospital room and board, physician's and surgeon's fee, nursing, drugs, etc.

2. Accidental Death and Dismemberment: If death or dismemberment should occur due to an accident, within ninety days of the accident, the policy will pay up to \$1,000 in accordance with the schedule published by the insurance company.

For complete details concerning coverage, benefits, handling of claims, etc., the student should consult the booklet furnished by the insurance company and available at the Business Office.

Book Store

The College Bookstore in the Moore Student Activities Building stocks the textbooks and supplies which will be needed by students. It also handles the better paperbacks and some trade books.

Veterans' Education

Centenary College is approved for veterans' training by the Veterans' Administration. A faculty committee supervises those now enrolled, studying their situations carefully to be able to serve both them and others who may study at the College hereafter under the Public Law providing for veterans' education. Entrance requirements and credits granted for service-connected experience are in accord with the recommendations of the accrediting agencies.

Veterans may take work in both the day and the evening divisions. Those enrolling for the first time under Public Law 550 should present a Certificate of Education and Training (VA Form 7-1993) to the College at the time of registration, to establish their time entitlement and objective. Korean veterans who are continuing their training should fill out two copies of VA Form 7-1999 at registration. Those taking less than seven hours will receive only the amount of tuition divided into five monthly payments.

Under Public Law 550, a student may suspend training for a period or periods of not more than twelve consecutive months.

Since subsistence and tuition allowance will be mailed directly to the student by the Veterans' Administration, he will be held responsible for his account. Thirty-five dollars or one-half of the total tuition (whichever is the most) is payable at the time of registration.

A psychometric testing center at the College is authorized to give General Education Development tests to veterans who have not finished high school. These tests if passed successfully, qualify the veteran for admission to the College. In most states, the passing of these tests and the completion of eight units of high school work qualifies a veteran for high school certificate. It is recommended that this certificate be secured. Application for it should be made by letter to the high school last attended.

The Alumni Association and the Alumni Foundation

The Alumni Association is an organization for all graduates and former students of the College. It helps all such to maintain an active and helpful interest in their alma mater. All alumni receive the publication, *This is Centenary*.

The Evening Division

The Evening Division offers its program for three types of students:

1. Those wishing a college degree.
2. Those desiring to improve their competency in their present occupations or wishing to prepare for new vocations without regard to a degree.
3. Those seeking cultural development for satisfying personal living and responsible citizenship.

The program of the Evening Division is based on the principle that education is a continuing process and that, in the increasing complexities of the life of these times, the College's resources should be available for such continuing adult education.

As the program of the Division is determined by community needs and interests, new or special courses may be organized in response to calls from business, industrial, educational, and other groups if the College facilities may be used and if instructors can be found who will maintain instruction at a proper college level.

The Division offers full programs in Accounting, Business Administration, and Geology. A full program in Law is available only to those who entered the program in Law prior to October 15, 1959. However, until the cycle of subjects in the Law course has been completed, students may enroll in the particular subjects offered.

Students lacking the entrance requirements or prerequisites for a course may enroll as auditors. Auditors are entitled to the same attention and benefits as are regularly matriculated students, and the tuition is the same, whether a course be taken for credit or as an auditor. No entrance requirements other than the willingness to make the effort needed to profit by the instruction is made for auditors. Auditors must indicate on their registration forms that credit is not desired and that grades are not to be recorded with the Registrar.

A student expecting to take courses for credit toward a degree should consult with the Director of the Evening Division or with the head of the department in which he will major. Such interviews should be scheduled in advance by telephoning or writing to the Director. Students enrolling for the first time should bring their official transcripts of high school and college work to the interview.

Expenses

Tuition and other charges are payable by the semester in advance and are due in full at the time of registration.

Method of Payment

By special arrangement with the Business Office (1) payments for the fall or spring semester may be made in three installments, the first installment at the time of registration, the second within thirty days thereafter, and the third one month later; and (2) payments for the summer session may be made in two installments; one-half at the time of registration and the remainder within thirty days thereafter; or (3) payments for evening classes may be made as follows: for one course \$42.00 at the time of registration and the remainder within thirty days thereafter; for more than one course, one-half the total charge at the time of registration and the remainder within thirty days thereafter.

Matriculation in the college is an implied contract accepting all regulations of the college, including those governing payment and refunds.

No enrollment card will be sent to an instructor, no transcript will be issued, no student will be allowed to receive his diploma, and no grades will be recorded until all bills are paid in full or until satisfactory arrangements for payment have been made at the Business Office.

Refunds

The following rules apply to the school year 1961-62.

If a student matriculates, but receives permission from the Dean of the College to withdraw prior to the first class meeting, all tuition will be refunded except a matriculation fee of \$10.

Withdrawal from college, after the first scheduled class meeting, entitles the student to credit on tuition as follows:

Time of Withdrawal	Fall and Spring Semesters	Summer Session
During 1st or 2nd week	80%	50%
During 3rd week	70	None
During 4th week	60	None
During 5th week	50	None
During 6th week	40	None
During 7th week	30	None
During 8th week	20	None
During 9th week	10	None
Thereafter	None	

IMPORTANT NOTICE: The preceding table of credits does not apply to the dropping of a course or courses while continuing in other courses. Individual courses dropped during the first two weeks of the semester will entitle the student to a credit of one-half of the cost of such course. No credit on tuition will be given for a course dropped after the second week of the semester.

Room rent will not be refunded when a student withdraws, but the unused portion of the charge for board will be.

The official date of withdrawal will be the date the student receives approval from the Dean of the College. All refunds will be computed from that date, regardless of the date of last attendance. Failure to attend classes does not constitute a withdrawal.

Late Enrollments

The final date for enrollment for full credit is determined by the Dean of the College and is printed in the official calendar. Students who for good reason seek to enroll after these dates must obtain the approval of the Dean of the College and will be charged full tuition as if they had enrolled prior to those dates.

Board and Room

The cafeteria on the campus provides meals at reasonable rates. All dormitory students are required to take their meals at the college cafeteria and are charged for board by the semester. This practice allows the lowest possible charge per student. However, because of uncertain conditions, the price of board is subject to change without notice. See page 30 for estimated price of board.

Dormitory room rent is charged by the semester. Rates, effective June 1, 1961, are given in the table below:

Dormitory	Fall Semester	Spring Semester	Summer Session (Either six weeks)
Rotary Hall (Men)	\$ 75.00	\$ 75.00	\$30.00
James Memorial Dormitory (Women)	105.00	105.00	40.00
Hardin Memorial Dormitory (Women)	105.00	105.00	40.00
Sexton Memorial Dormitory (Women)	105.00	105.00	40.00

By special arrangement with the Business Office, the charges for both room and board may be paid in installments. Since dormitory space is reserved by the student for the full semester or for the full six weeks of either summer term, no part of the room rent can be refunded when a student withdraws for any reason.

Tuition

The charge for tuition listed in the table includes all charges for classroom instruction, laboratory fees, registration and recording fees, library fees, student activity fees, a subscription to the college newspaper and the year book, for all students taking a normal load of twelve or more semester hours during the fall and spring semesters.

The amount charged for tuition represents only a part of the actual cost of instruction; the other part is provided by endowment and gifts. Students taking from twelve semester hours through sixteen semester hours are charged \$250.00 tuition per semester.

Tuition for audit or non-credit courses is the same as for courses

taken for credit. All students pursuing courses or subjects without credit are required to perform all the work prescribed for students enrolled for credit, except taking the credit examinations, unless specifically exempted in writing by the Dean of the College.

Tuition charges per semester for all students except music students are as follows: See also table of "Special Charges" which are payable only by those to whom they apply.

Semester Hours	Fall or Spring Semester Cost	Summer Session Cost (6 weeks)
1	\$ 52.50	\$ 52.50
2	52.50	52.50
3	52.50	52.50
4	70.00	70.00
5	87.50	87.50
6	105.00	105.00
7	122.50	
8	140.00	
9	157.50	
10	200.00	
11	220.00	
12	250.00	
13	250.00	
14	250.00	
15	250.00	
16	250.00	
17	265.00	
18	280.00	
19	295.00	
20	310.00	

Applied Music Fees

One half-hour lesson per week in Piano, Voice, Organ, or any orchestral instrument, together with six hours of practice (average 1 hour per day) represents one semester credit hour in applied music. Two half-hour lessons per week, together with 12 hours practice (average 2 hours per day) represents three semester hour credits.

Rates are the same to all students whether veteran or non-veteran. Audit and non-credit courses in applied music are charged at the same rate. In the event a student withdraws through the office of the Dean and the Business Office prior to completion of the course or semester, charges will be prorated in accordance with the period of actual attendance.

RATES PER SEMESTER

In addition to the semester hour charges for academic subjects, there will be a charge of \$45.00 for one semester hour or \$90.00 for three semester hours for students enrolled in applied music courses.

SPECIAL CHARGES FOR MUSIC STUDENTS

For those students taking academic subjects in conjunction with the applied music at charges set forth above, the charges for academic courses are given in the table that follows:

In the case of a student taking a total of 12 semester hours or more (including applied music credits), the minimum charge for tuition is \$250.00 (including applied music charges).

Semester Hours	Amount
4 or less	\$ 52.50
5	70.00
6	87.50
7	105.00
8	122.50
9	140.00
10	157.50
11	175.00
12	192.50
13	210.00
14	227.50
15	245.00
16	250.00

Private instruction in the Theory of Music courses listed herein are available. Regular classroom instruction in theory is furnished at the regular tuition rates established for other courses.

Pianos and other college-owned instruments may be rented by students for practice at the following rates:

One Hour Per Day	\$4.50 per semester
Two Hours Per Day	\$9.00 per semester

Practice rooms, pianos and other instruments are available at the Music Hall. Students are required to practice in these rooms under the direction of the Practice Supervisor unless arrangements satisfactory to the Supervisor can be made for practice at the home of the student.

Practice requirements:

1 Sem.-Hr. Course	1 hr. per day
3 Sem.-Hr. Course	2 hrs. per day

Special Charges

1. Graduating students are charged \$10 for diplomas and \$4.25 for cap and gown rental for commencement, of which \$1 is refundable.
2. Each student is entitled to one free copy of his official transcript showing courses taken, credits earned, etc. Extra copies may be obtained by payment of \$1 for each additional transcript.
3. Students taking chemistry laboratory courses must pay for actual breakage in excess of \$3.00 per semester.
4. A room deposit of \$50.00 is required to reserve a dormitory accommodation for any semester or term. The deposit is refundable *only* if application for refund is received on or before the first of the

month preceding registration. Deposit will be held for students enrolling to cover any room damage that may be incurred while student occupies room. Deposit will be refunded when student withdraws from school should no damage occur.

5. Students who take fewer than twelve semester hours may purchase the college annual for \$5.50. All students taking twelve or more semester hours who attend school only one semester (spring or fall) are required to pay \$2.75 additional for the annual. This payment is not optional.

6. Students taking the course in Louisiana Law are required to pay \$105.00 (five hours tuition plus \$17.50 fee) in lieu of the regular tuition charge if enrolled in both subjects being taught, or \$61.25 (\$52.50 tuition minimum for 1-3 hours, plus one-half of \$17.50, or \$8.75) if enrolled in only one of the two subjects currently being taught).

7. All students taking courses in Typewriting (Business 165; 166; 265; 266) are required to pay a minimum of three hours tuition charge for each such course.

8. Any student who does not complete registration before the first day of classwork for the semester will be charged a late registration fee of \$5.00. Any student requesting a change of course after classwork has begun will be charged a change of registration fee of \$1.00 for each course changed.

Estimate of Total Expense

	Fall Semester	Spring Semester	Summer Session, either 6 weeks term
For Women Students:			
Tuition (12-16 hours)	\$250.00	\$250.00	\$105.00 (6 hours)
Room	105.00	105.00	40.00
Board ¹	215.00	215.00	60.00 ²
For Men Students:			
Tuition (12-16 hours)	\$250.00	\$250.00	\$105.00 (6 hours)
Room	75.00	75.00	30.00
Board ¹	215.00	215.00	60.00 ²

Scholarships, Loan Funds, and Student Employment

Scholarships are usually awarded on consideration of the applicant's scholastic record in the past, his present promise as a student, his character, and his financial need. All scholarships are credited toward the payment of the holder's tuition and fees. No student may hold more than one scholarship at a time. To obtain and hold a scholarship, one must have and maintain a "C" average. Applicants for scholarships should address the Chairman of the Scholarship Committee.

Among the scholarships available are the following:

Honor Scholarships for High School Graduates. A scholarship is offered annually to an honor graduate of each approved high school

¹The college reserves the right to change the charge for board without notice.

²Meals are served Monday through Friday only, during the Summer Session.

in the region served by the College. The amount is \$200 for the freshman year. The Scholarships Committee will consider only applicants who have a recommendation from their high school principal and a transcript showing at least a "B" average in their high school work.

Centenary College Grants. A small number of tuition grants are given by the College to deserving students who need financial aid and who have talent in debate, dramatics, band, choir, student publications, student leadership, or who have other interests of particular importance to the College. The value of these tuition grants is \$200 per year for one year.

Ministerial Scholarships. Tuition concessions are granted to pre-theological students and to dependent children of ministers of all denominations. Application must be made to the Committee on Scholarships. Wives and children of ministerial students are not eligible for ministerial scholarships.

Endowed Scholarships and Annual Gift Awards available through the generosity of friends of the college are as follows:

Endowed Scholarships

The Mary Susan Bailey Scholarship. For worthy students in need of financial assistance.

The M. L. Bath-Rotary International Scholarship. Offered annually to a worthy, foreign student who desires to study in this country.

The James Alexander Bell Memorial Scholarship. For assistance to a needy student.

The Martha Cappel Memorial Scholarship. For outstanding students in financial need.

The Dennis E. and Rosa M. Crouch Memorial Scholarship. For a needy student.

The J. A. Davis Scholarship. For a worthy student of high scholastic standing.

The James Hill Fullilove Memorial Scholarship. For ministerial students.

The Randy Greve Memorial Scholarship. For students of high scholastic standing in need of financial assistance.

The David Philip Hamilton Scholarship Fund. For worthy students in need of financial assistance.

Harman Memorial Scholarship. For students of high scholastic standing and in financial need.

The Mamie B. Hicks Scholarship. For piano students of North Louisiana.

The Amanda Howell Memorial Scholarship. For needy students of high scholastic standing.

- The Gus Johnston Hoyer Memorial Scholarship.* For pre-medical students.
- The Charles Moore Hutchinson Memorial Scholarship.* For needy students.
- The Philip Lieber-First Federal Savings and Loan Association Scholarship.* For students majoring in business.
- James W. Lincoln Memorial Scholarship.* For a male student of high scholastic standing in need of financial assistance.
- May Meadows Ministerial Scholarship.* For worthy ministerial students of high scholastic standing, first consideration being given to students from the Ruston District.
- The Melanie Jean Perot Memorial Scholarship.* For a woman student who is working part of her way through Centenary.
- The Dr. N. B. Riddle Memorial Scholarship.* For needy students.
- Bell Ringgold Memorial Scholarship.* For Louisiana students training to become teachers.
- The Peggy Rountree Memorial Scholarship.* For an outstanding student in financial need.
- The J. C. Sensintaffar Memorial Scholarship Fund.* Established in memory of the Rev. J. C. Sensintaffar. To be awarded to students entering full-time Christian service in the Methodist church.
- The Selber Brothers Scholarship.* Preference shall be given to a student of high scholastic standing studying toward a B.S. degree in Business Administration.
- John O. Thompson Scholarship.* For a dedicated Christian student in financial need.
- Universal Oil Products Scholarship.* For students majoring in chemistry.
- E. Bernard Weiss Scholarship.* For pre-medical students.

ANNUAL GIFT AWARDS

- The Grace Mims Allums Scholarship.* Given by the Southern Literary Club for a worthy freshman student of high scholastic standing.
- The Altrusa Club Scholarship.* For a girl of outstanding ability in need of financial aid. She must be a resident of Louisiana.
- The Douglas Attaway Memorial Scholarship.* Established by the Shreveport Kiwanis Club in memory of Mr. Douglas Attaway, Sr. The award is to be made annually to a worthy student of acceptable scholastic standing in need of financial assistance.
- The Don Brown Memorial Scholarship.* For students of ability, majoring in art and in need of financial assistance.

- Centenary Parents' Scholarship.* For students of high scholastic standing and in financial need.
- The Centenary Women's Club Scholarship.* Given annually by the Centenary Women's Club for a talented student who is in need.
- Civic Opera Scholarship.* For students majoring in voice.
- The Oscar Cloyd Scholarship.* For a student majoring in Religious Education who is in financial need.
- The Janie Cunningham Memorial Scholarship.* For students in full-time Christian service and in financial need.
- Desk and Derrick Club Scholarship.* For students of high scholastic standing who are in financial need.
- The Dyer Memorial Scholarship.* For needy students.
- The John B. Entrikin Scholarship.* For chemistry majors.
- The First National Bank Scholarship.* For business majors.
- The Katherine J. French Memorial Scholarship.* For a girl of outstanding ability, majoring in English and preferably intending to teach.
- The Gleaners' Class Scholarship of First Methodist Church, Shreveport.* For assistance to pre-theological students.
- The Reginald H. Hargrove Memorial Scholarship.* To be granted to a student with high scholastic standing in financial need.
- J. H. Hearne Ministerial Scholarship.* For Methodist ministerial students.
- The Mrs. Ed E. Hurley Scholarship Fund.* For worthy and needy students of high scholastic standing.
- The Jesse H. Jones and Mary Gibbs Jones Scholarship.* For students of outstanding ability.
- The Joseph Homer and Julia Bourquin Jordan Scholarship.* For needy students of high scholastic standing.
- The Lonnie B. Kilpatrick Memorial Scholarship.* For assistance to worthy students, first consideration being given to members of the families of employees.
- The Broadmoor Kiwanis Club Scholarship.* For needy students.
- The Mid-City Kiwanis Club Scholarship.* For needy students.
- The Munholland Friendship Scholarship.* For a worthy and needy student of high scholastic standing. First preference shall be given to New Orleans students.
- The National Methodist Scholarships.* Given through the Board of Education of The Methodist Church.
- The National Secretaries Association Scholarship.* For a freshman girl in the field of secretarial science.

The W. G. Phelps Scholarship. Given by the Broadmoor Men's Class for a worthy and needy student of high scholastic standing.

The Presser Foundation Scholarship. For an outstanding student who expects to become a teacher of music.

The Saint Paul's Episcopal Church Scholarship. For students belonging to the Episcopal Church.

Science Education Council Scholarship. For graduates of Byrd and Fair Park High Schools, with high scholastic standing who are in financial need.

The Shreveport Symphony-Centenary College Scholarships. For talented players of orchestra instruments.

The following loan funds may also be of financial assistance to students in financial need:

The Batchelor Memorial Fund. For use of ministerial students.

The Chris Fullilove Loan Fund. For use of needy students.

The Methodist Student Loan Fund. Made available to worthy students by the Methodist Board of Education, Nashville, Tennessee.

The Anna Ruth Nuttall Small Loan Fund. A fund established by the family and friends of the late Dr. Anna Ruth Nuttall, assistant professor of Bible and English at the College from 1945 until her death in 1952. Students needing to borrow small sums from this fund should apply to the Dean of Men or the Dean of Women. Ordinarily, the amount loaned will be from \$25 to \$50, though there are special provisions permitting college authorities to lend larger sums from the fund.

Many students pay part of their college expenses by working in the libraries, offices, and laboratories, or by securing part-time employment in Shreveport. A student will rarely be able to earn all of his expenses while attending college. Those who carry heavy outside work to meet their expenses should carry a proportionately reduced academic load.

The College assists students to secure part-time employment through its Placement Office. This office will also assist graduates and former students to find employment which best uses their training and abilities.

Academic Information, Regulations, and Requirements

Admissions

Prospective students who qualify for admission under one of the following classifications will be admitted if their recommendations are satisfactory and their applications are received before registration:

1. The Graduates of accredited secondary schools who present fifteen units, including the following prescribed ones: English, 3 units; history and other social science, 2 units; college preparatory mathematics, 2 units (See recommendation of the Department of Mathematics, page 79). The high school course should be planned so that the eight elective units will include two of foreign language, one in a natural science, and an additional unit in English. Applicants must have maintained an average of "C" or better in those high school courses which are considered as college preparatory. High school students expecting to apply for admission are urged to take the National College Entrance Board Examinations.

2. Students transferring from accredited colleges with a Quality Point average of "C" in the work taken at such colleges.

3. Mature persons (twenty-one years old or over), veterans of World War II, and veterans of the Korean War who have not graduated from high school but who show evidence of being able to profit from college work. Such students will be admitted only after conference with and approval by the Director of Admissions. These students must pass the high school level General Educational Development tests prepared by the American Council of Education.

In applying for admission a prospective student should follow the steps described below:

1. Request an application for admission from the Enrollment Counselor, Office of Admissions.

2. Return the blank properly filled out to the Enrollment Counselor, Office of Admissions.

3. Ask the high school principal to send a complete transcript including all grades received to the Enrollment Counselor, Office of Admissions and if the high school level General Educational Development tests have been taken, the results should be sent to the Enrollment Counselor, Office of Admissions.

4. If the applicant has attended a college or colleges, he should request a complete transcript of college credits to be sent to the Enrollment Counselor, Office of Admissions.

5. If the student is in college at the time of application, he should have a transcript sent showing his credits up to the time of application. If he is accepted, a supplementary transcript will be required showing the completion of his work.

Registration

Registration is held three times each year, on the first days of the fall semester, the spring semester, and the summer session. Students who have been accepted for admission may begin their work on any of these dates.

Changes of Schedule, Drops, and Withdrawals

After registration day, classes may be dropped or added only by permission of the instructors concerned and with the approval of the Dean. Requests to drop or add courses should be made only for exceptional reasons.

Because a student cannot make proper progress in a course if he enters it when it is well under way, a limit on late enrollment is set. A student is not permitted to enroll in a course for credit later than one week after the registration day. A fee for late registration is charged.

A student may be dropped for cause from any course at any time on recommendation of the instructor and approval of the Dean. Sufficient causes for such dropping include lack of preparation, neglect, unwholesome attitude, and improper conduct in the classroom.

Forms for adding and dropping courses may be obtained at the office of the Dean. The form must (1) be filled out by the student; (2) be signed by the instructor concerned; (3) be approved by the Dean; and (4) be deposited in the Business Office. It is the student's responsibility to see that all steps in this process are taken before the deadline noted above and published in the Official Calendar. A fee is charged for a Change of Course.

If for reasons beyond his control, a student must withdraw from college before the end of a semester or a session, he is required to execute a Withdrawal Petition obtainable at the Dean's office. This must be completed, approved by the Dean, signed by each instructor concerned, and filed with the Business Office. The Withdrawal will then be entered on the student's permanent record. A student who does not complete this process will receive "F" in all courses in which he is enrolled when he leaves college. No notice of interruption of work or withdrawal from college is official unless it is in writing by the person concerned. It becomes effective only on the date it is received by the college, no matter when it may have been written.

Absences

A student is expected to attend every meeting of his classes unless prevented by circumstances beyond his control. A student who is absent more than four times in a class which meets three times a week, or more than three times in a class which meets twice a week, may, at the option of the instructor, be dropped from that course or required to take a reinstatement examination before being permitted to continue it. Students frequently absent from class either with or without good reason may be assigned extra work at the discretion of the instructor.

A student who is absent from a week's consecutive class meetings

will be reported by the instructor to the Dean's Office, where the reason for his absence will be investigated.

In case of absence for reasonable cause, it is the student's responsibility to explain the circumstances to the instructor.

Credit in a course will not be given to a student who has been absent for more than one-third of the meetings of that course.

A student absent from the final examination will receive "F" in the course unless he can show that the cause of absence was beyond his control. Students prevented from taking examinations by such circumstances must get word to the instructor or to the Dean before the final grade of "F" is reported to the Registrar.

Credits, Grades, and Quality Points

Credit for college work at Centenary is expressed in semester credit hours. Most courses meet either three times a week for a fifty-minute period or twice a week for a seventy-five-minute period. Such courses carried successfully for one semester will earn three semester credit hours; like courses carried for a year, six semester credit hours.

Courses in laboratory science, physical education activity, art, typewriting, engineering drawing, and the like, where emphasis lies principally upon the attainment of skill and dexterity rather than upon intellectual development, ordinarily meet three hours a week for one semester credit hour.

At the end of each semester, letter grades are given in each course. These grades, and their approximate percentage equivalent are "A," 93 to 100; "B," 85 to 92; "C," 78 to 84; "D," 70 to 77; and "F," below 70. "A," "B," "C," and "D," are passing grades and establish credit in the course taken. "F" signifies failure. No credit is given for a course in which an "F" has been received.

Under extraordinary circumstances, a temporary grade may be given at the end of a semester. It will be either an "E" or a "P." "E" signifies conditional failure and is given when, in the instructor's opinion, distracting influences of a purely temporary kind and over which the student has little control have worked to make him fall below 70%. An "E" may be converted to a passing grade no higher than a "D" within the semester after it was received by any method or assignment judged satisfactory by the instructor. "P" is a non-penalty grade signifying postponement. It is given only to students in good scholastic standing who because of illness or other cause beyond their control are unable to complete the work of the course in the scheduled time. A "P" may be converted to any passing grade within the semester after it was received by completing the work of the course to the instructor's satisfaction. Either an "E" or a "P" not converted to a permanent grade will be recorded as an "F" after one semester.

Although his grade indicates the quality of a student's work in a particular course, to measure the quality of his academic work as a whole, it is needful to take the average of the grades received in all his courses. This calculation is facilitated by the assignment of "Quality Points" to each letter grade as follows: "A" represents four Quality

Points per semester credit hour; "B," three; "C," two; "D," one; and "F," none. The temporary grade "E" is counted as "D" and any grade of "P" is omitted in making such calculation.

Minimum Scholastic Requirement

To maintain satisfactory scholastic standing, a regular student must pass each semester a minimum of nine semester credit hours with a grade of "C" or better in the courses comprising that nine-hours of work, and all students are required to maintain a "C" average. Failure to do so will place a student on scholastic probation during his next semester in residence. Failure to do so a second time will drop him from the College.

Whenever it is evident that through either lack of application or ability a student is wasting his time and money by remaining in college, he may be asked to withdraw.

A student must maintain a Quality Point Average of 2.00 or better in courses taken in his Major subject and the same average in all other work.

Classification

A "regular student" is defined as one enrolled in twelve or more semester credit hours.

Regular students who have met all specific requirements for the standing claimed are classified as follows, according to the number of semester credit hours they have earned:

Freshmen are those with less than twenty-seven semester credit hours.

Sophomores are those with twenty-seven to fifty-nine.

Juniors are those with sixty to eighty-nine.

Seniors are those with ninety or more.

Freshman and Sophomore Programs

First year students must enroll in English, Physical Education Activity and other general subjects recommended by their faculty advisers. Second year students must enroll in English, Physical Education activity and other subjects prescribed in their particular areas of study. These requirements apply to all students whether they plan to graduate at Centenary or not.

Advanced Standing

Students who have received "F" in a course will not be permitted to enroll in a more advanced course in the same subject until they have repeated the course they failed and have passed it.

Students who have failed the first half of a year course may, at the discretion of the instructor and with the approval of the Dean, enroll in the second half. Such enrollment, however, is not recommended.

Students who have received "E" in a course may, with the permis-

sion of the instructor, enroll in a more advanced course in the same subject.

Academic Load

The normal student load consists of from fifteen to seventeen semester hours. No student may take more than eighteen in any semester or more than nine in any summer session unless he obtains the special permission of the Dean of the College.

Final Examinations

Written examinations of from two to three hours duration are given at the end of the semester in all courses except those in which the material required does not lend itself to this type of measurement. All students are required to take these examinations with this exception: a senior who is a candidate for a baccalaureate degree at the conclusion of the semester in question and whose work is of "A" or "B" quality in the course concerned may, if the instructor permits, be excused from the examination in that course. Unless such excuse is specifically given by the instructor, the examination is required.

Grade Reports

Informal reports on the work of students are made by the instructors from time to time if need of improvement is indicated. At the middle of each semester all instructors submit the grades of students whose average in their course is below "C" to the Dean of the College. Although these mid-semester reports are not official grades, they do reveal all cases in which the student's work is unsatisfactory or barely satisfactory and are used as the basis of warning letters addressed to the students and their parents.

Official grades are given at the end of each semester and summer session. These are reported to the student and recorded on his official record.

Eligibilities

To hold office or to represent either the student body or the college in any activity, a student must be carrying at least four courses which together represent at least twelve semester credit hours, and with the exception of first semester freshmen, must have a 2.00 Quality Point Average. (Exceptions may be made in cases covered by specific rules filed in the Registrar's office.)

To be initiated into a fraternity or a sorority, a student must be enrolled for no less than twelve semester credit hours and must also in the semester before his initiation have taken a minimum of twelve hours and have earned at least a 2.00 Quality Point Average in them. He must also have paid his financial account with the College to date.

If the whole membership of a fraternity or a sorority fails to maintain a Quality Point Average of at least 2.00 in any semester, it will not be permitted to initiate members the following semester.

Correspondence Credit

Centenary College offers no correspondence courses. A limited amount of elective credit earned by correspondence study with accredited colleges or universities may be accepted if it would be accepted by the institution offering the course toward its own baccalaureate degree. Subjects in the student's major field and courses specifically required for graduation should not be taken by correspondence. Any student who presents correspondence work for credit may be required to pass a special examination over it at the discretion of the Dean of the College or the head of the department or division in which the student is majoring. To insure credit for a correspondence course, the student must, before taking it, submit a written request to the Dean, obtain his written approval, and file both with the Registrar.

Academic Honors

Three levels of Honors are conferred at graduation upon candidates for baccalaureate degrees who have demonstrated unusual scholastic ability. Candidates with a Quality Point average between 3.9 and 4.00 inclusive are graduated "Summa Cum Laude"; candidates with an average between 3.70 and 3.89 inclusive are graduated "Magna Cum Laude"; and candidates with an average between 3.50 and 3.69 inclusive are graduated "Cum Laude." These honors are recorded on the diplomas and are published in the commencement program.

Requirements for Graduation

To qualify for the A.B., or the B.S. degree a student must

1. Present no less than 124 semester credit hours of work with an average of two quality points per semester credit hour. Of these credit hours, 120 must be in subjects other than physical education activities, and the work of the senior year (totaling not less than thirty semester hours) must be taken in residence, except as hereinafter specified. If courses are repeated, both sets of quality points will be included in the average.

2. Present in addition to the 124 hours named above, an additional hour in General Education 121 for each semester in which he is enrolled as a full-time student after September, 1955. (This regulation applies to all students no matter under which year's catalog they first matriculate.)

3. Meet the basic requirements for the degree desired.

4. Meet the requirements for a departmental or a divisional major.

5. Maintain a quality point average of 2.00 or higher in courses taken in the department or division of the major and of 2.00 in all other work.

6. File a degree plan in the Registrar's Office before the last semester of the senior year.

7. Be present at the commencement exercises to receive the degree conferred.

8. Discharge all financial obligations to the college.

To qualify for a second baccalaureate degree, a student must present at least thirty additional semester credit hours of work and must meet all requirements for a new major.

Requirements for the B.M. degree are found on pages 83-85.

Proficiency In English

To graduate, a student must be judged proficient in English composition. A student with an average of "B" or better in English 101-102 or with the equivalent from another accredited college will ordinarily be judged "proficient" without further formality. If, however, during such a student's sophomore year, an instructor of any department in which he is working shall show evidence to the Head of the English Department that the student has grown careless or lapsed in his composition skills, that student will be assigned special work in English and required to take the English Proficiency Test described below.

A student who fails to make "B" or better in English 101-102 or its equivalent must, in his junior year, take and pass an examination consisting of a short theme on one of a choice of subjects assigned by the examiner. A student who fails in this test must either repeat English 101, do a series of supervised assignments in expository writing, or take English 142. The Head of the English Department or his appointed representative will decide which of these three the student shall do, depending upon the kind of weakness shown on the test. The student must also take the Proficiency Test again and pass it.

Foreign Language Requirements

Foreign language requirements for the various baccalaureate degrees are listed under the announcements of the Divisions, pages 44 to 47, and range from eight semester credit hours to twenty semester credit hours, depending upon the department or division in which the student elects his major. Foreign language taken in high school will not by itself fulfil the college language requirements, although they may sometimes be reduced for a student who presents two or more units of high school language. But all students must take at least one year, though not necessarily the beginning year, of a foreign language in college. A student who presents two units of high school language may not earn college credit in the 101-102 courses of that language.

The Curricula

Recommended Course of Study for Freshmen

During the Freshman year a student does not have to specialize. All of the subjects normally taken are courses which will be needed no matter what major is elected.

Therefore, it is not necessary to have decided on a major when beginning college work. Even where a major has been decided upon, the Faculty Counsellor will allow or recommend certain variations.

Although exceptions will be allowed, some of which are listed below, the general recommended course for Freshmen would be:

English 101 and 102	6 hrs.
French, German, Spanish or Latin	8 hrs.
Mathematics	6 hrs.
Chemistry, Biology, or Geology	8 hrs.
Physical Education	<u>2 hrs.</u>
	30 hrs.

Exceptions

1. When a student arrives at Centenary he is given placement tests. With these test scores and with his High-school record, a faculty member will advise with him before registration. If it appears that the General recommended course is not advisable in a particular case, he will suggest that the student postpone one of those courses until later, and take instead a course in History, Speech, or whatever may best suit his interest and preparation.

2. For certain areas of interest, it is important to take specified courses in the proper order. For the following areas, the advisor will probably stay very close to the courses recommended on the pages noted.

A. Industrial Technologysee page 90
Medical Technologysee page 48
Musicsee pages 81-85
Pre-Dentalsee page 49
Pre-Engineeringsee page 48
Pre-Lawsee page 48
Pre-Medicalsee page 49

3. Every effort is made to keep the schedules flexible in a way that will make work most interesting and profitable. The faculty advisor, just before registration, will help in this matter.

Major Fields of Specialization

A student who plans to become a candidate for a degree must by the beginning of his junior year select a field of specialization, commonly called a major. It may be selected in either a department or in a division. The selection must be approved by the head of the department or the division concerned, who will then appoint a faculty adviser appropriate to the choice.

A departmental major consists of courses within one department totaling from twenty-four to forty semester credit hours plus courses in one or more related subjects selected in conference with the head of the major department, and totaling from twelve to thirty semester credit hours.

A divisional major consists of courses within one division totaling some seventy semester credit hours and including such subjects and courses as are prescribed below under the divisional statements. The divisional major is designed for students who wish a broad background in a general area of knowledge rather than specialized training in a single subject. Students who plan to take graduate study in schools of law, education, commerce, medicine, engineering, or theology may find the divisional major suited to their needs. It is also recommended for those whose future plans do not require intensive study in a single limited area of knowledge.

Majors are offered in the three divisions and in the departments of Art, Biology, Business, Chemistry, Economics, Education, English, Geology, History and Government, Mathematics, Music, Physical Education, Psychology, Physics and Industrial Technology, Religion, Foreign Languages, and Speech and Dramatics.

The Divisions

The instructional departments of the College are grouped in three divisions: Humanities, Natural Sciences, and Social Sciences. The chairman of a division is elected by the faculty of the departments it includes.

1. THE HUMANITIES

Willard Cooper, M.F.A., Chairman

The Humanities Division comprises the departments of Art, Religion, English, Foreign Languages (French, German, Latin, Spanish), Philosophy, Speech and Dramatics, and the School of Music.

The division offers the A.B. degree to candidates who major either in the division or in a department within the division (For the B.M. degree also offered by the School of Music, see page 83).

Basic requirements for the degree are listed below. For specific requirements for degrees offered by the departments of the division, see departmental statements also.

Basic Requirements

	Departmental Major Minimum Semester Hours	Divisional Major Minimum Semester Hours
Religion	6	6
English	12	12
Foreign Language	14	14
Natural Science	14	14
Social Science	18	15
Physical Education	4	4
Comparative Literature		6
Music	2 (Music 143, 144)	6
	(Any combination of Music 441, 442, and applied music)	
Art	3 (Art 101 or 102)	6
Speech and Dramatics	6	6

HUMANITIES: Eighty hours from among the departments of English, Speech, Foreign Languages, Art, Music, and Religion are required for the divisional major.

ENGLISH: Composition and Rhetoric (English 101-102, six hours) and English literature (English 201-202, six hours).

FOREIGN LANGUAGE: Fourteen hours of foreign language are required (See page 45 concerning application of high school units of foreign languages).

NATURAL SCIENCE: One year of natural science with accompanying laboratory courses, chosen from among the following: Botany, Zoology, Chemistry, Geology, or Physics. The balance may be chosen from Mathematics, Astronomy, or additional Natural Science.

SOCIAL SCIENCE: A total of eighteen semester hours from three of the following departments: Economics and Business, Govern-

ment, History, Psychology, or Education. The fifteen semester hour requirement may be met by taking six hours in each of two of the specified departments and three hours in any Social Science course.

SEMINAR REQUIREMENTS: A student majoring in a department of the division must complete the "Great Issues" seminar (General Education 402) and the "Arts and Aesthetics" course (General Education 411). Students receiving a divisional major in humanities must complete General Education 402 in their senior year.

2. THE NATURAL SCIENCES

Edmond M. Parker, M.S., Chairman

The Division of Natural Sciences includes the departments of Biology, Chemistry, Geology, Physics and Industrial Technology, and Mathematics.

A candidate for the B.S. degree in this division may major in one of the departments or in the division as a whole. Basic requirements for each type of major are stated below. Specific additional requirements for departmental majors within the division are listed under the departmental statements.

The divisional major, with considerable requirements in both Biology and Chemistry, is designed to meet the needs of pre-medical students, pre-dental students and those interested in related medical sciences.

Basic Requirements

	Departmental Major Minimum Semester Hours	Divisional Major Minimum Semester Hours
Religion	6	6
Composition and Rhetoric	6	6
English Literature or American Literature	6	6
Foreign Language	8 ¹	8 ¹
Natural Science	See Departmental Statement	70
Social Science	12	15
Physical Education	4	4

NATURAL SCIENCE: The seventy semester hours required for the divisional major must be taken in not more than four departments.

SOCIAL SCIENCE: The twelve required hours in Social Science must be selected from the following: History, Government, Sociology, Geography, Psychology 201-202, Economics 123, 201-202, 204,

¹High school language units will not fulfil this requirement. See page 41.

and Education 101-102. Six of these hours must be chosen in one department.

SEMINAR REQUIREMENTS: Students majoring in a department within the division or taking a divisional major must earn credit in the following:

1. General Education 401, Science Seminar.
2. General Education 402, Great Issues Seminar.

3. THE SOCIAL SCIENCES

Sidney W. Rice, Ed.D., Chairman

The Division of Social Sciences includes the departments of Economics and Business, Education and Psychology, History and Government, Physical Education, and Sociology.

A student may major in one department or in the division as a whole. The B.S. degree is offered in Business and in Physical Education, the A.B. degree in History and Psychology. Majors in Economics and in Education and Divisional Majors may meet the requirements for either degree.

The Divisional Major is recommended for those planning to enter professional Schools of Law and for persons who do not plan to continue their studies beyond the baccalaureate degree.

The departmental major is recommended for those planning to do graduate work in a specified field, as in History, Economics, or Psychology.

Basic Requirements

For A.B. and B.S. Degrees in the Social Sciences

	Departmental Majors		Divisional Majors	
	A.B. Degree Minimum Semester Hours	B.S. Degree Minimum Semester Hours	A.B. Degree Minimum Semester Hours	B.S. Degree Minimum Semester Hours
Religion	6	6	6	6
English	12	12	12	12
Foreign Language	20	8	14	8
Natural Science	14	14	14	14
Social Science	(See Departmental Statements)		65-66	65-66
Physical Education	4	4	4	4

ENGLISH: For the A.B. degree: Composition and Rhetoric, six hours; English literature, six hours. For the B.S. degree: Composition and Rhetoric, six hours; either English literature or American literature, six hours.

FOREIGN LANGUAGES: Two units of foreign language in high school are considered equivalent to eight semester hours in college.

For the A.B. degree with departmental major, twenty hours or the equivalent. (See Explanation under Humanities Division.) For the A.B. degree with Divisional Major, fourteen hours or the equivalent. (See Explanation under Humanities Division.) For the B.S. Degree, eight hours or the equivalent.

NATURAL SCIENCE: Two semesters of natural science with accompanying laboratory course, chosen from among the following: Botany, Zoology, Chemistry, Geology, or Physics. The balance from Mathematics, Astronomy, or additional Natural Science.

SOCIAL SCIENCE: The sixty-five or sixty-six hours required by the division must include seventeen or eighteen semester hours in each of three subjects within the Social Science Division. A minimum of twenty-seven hours (40%) of the sixty-five or sixty-six hours required in the Social Sciences for the divisional major must be in the 300 or 400 courses. A Divisional Major may satisfy the requirements for either the A.B. or the B.S. degree. Students majoring either in the Division or in a Department, must, in addition to Great Issues (General Education 402), take at least six (6) hours of Social Science from the following courses: History, Geography, Government, Sociology, History or Education, Psychology 201-202, Economics 123, 201-202 (or 204).

A Divisional Major in the Social Sciences who selects any three of the following subjects should take the courses in those subjects here indicated:

BUSINESS: Business 103-104, 323-324, 321 (or 346), and Economics 329.

ECONOMICS: Economics 201-202 and any 12 hours of 300 and 400 numbered courses.

EDUCATION: At least nine hours must be at the 300 and 400 numbered level.

HISTORY: Not more than six hours at the 100 numbered level; at least 6 hours at the 300 and 400 numbered level.

PHYSICAL EDUCATION: Physical Education 223, 227 (or 225), 321, 423, 424, 428 (or 239).

PSYCHOLOGY: Psychology 201, 202, 207, 301, 302, 401 (or 402).

SOCIOLOGY: Sociology 101, 201, 202, 302, 401, 402.

The following courses may be included as a portion of the total of sixty-five or sixty-six hours for a Divisional Major: General Education 402; Logic 201; Philosophy 301, 302, 401.

SEMINAR REQUIREMENTS: Students majoring either in the Division or in a department therein must take General Education 402.

Pre-Professional Curricula

PRE-ENGINEERING CURRICULUM

Professional courses in engineering are based on certain fundamental courses in science. Engineers are also expected to be proficient in English and to have some background in the social sciences. Pre-engineering students may take these non-engineering courses at Centenary. The Freshman course in Pre-engineering is designed to meet the requirements of the various Engineering institutions. However, since the curricula for the various branches of engineering schools differ in requirements, the pre-engineering student is urged to consult with his advisor upon the catalog requirements of the school from which he wishes to graduate in Engineering.

The following program is recommended for those students who expect to take an Engineering degree from some Engineering school.

FIRST YEAR:

English 101-102.
Industrial Technology 100, 101, 102.
Chemistry 101-102, 111, 112,
Mathematics 101, or 105, 106.
Physical Education.

SECOND YEAR:

Mathematics 201-202 or 301-302.
Economics 201-202.
Industrial Technology 201-202 or
251-252.
Physical Education.

PRE-LAW CURRICULUM

A suggested two-year course preparatory to the study of law is listed below:

FRESHMAN YEAR:

English 101-102.
History 101-102 or 121-122.
Science.
Foreign Language.
Mathematics 101, 106.
Physical Education.

SOPHOMORE YEAR:

Government.
Psychology or Sociology or Logic.
Economics 20-202.
Foreign Language.
English 201-202.
Physical Education.

For a four-year pre-law course, a major and minor should be selected from the following departments: Commerce and Economics, History and Government, Psychology, and Sociology.

Students who complete a total of one hundred semester hours, including all specified requirements for graduation in three years of residence and who then enroll in an accredited school of law, may, upon satisfactory completion of one year of work in that school, transfer this professional credit to Centenary College and receive a baccalaureate degree.

MEDICAL TECHNOLOGY CURRICULUM

Some of the schools of medical technology on the approved list of the American Medical Association admit students with a minimum of three years of college work, but the majority require a college degree.

The curriculum outlined below may be used to meet the basic requirements for admission after three years, or a B.S. degree in four years, or a B.S. medical degree in Medical Technology after three years followed by twelve months of work in a hospital school approved by the American Society of Clinical Pathologists and Centenary College.

FRESHMAN YEAR

FIRST SEMESTER:

Biology 101, 111
Chemistry 101, 111
English 101
Mathematics 105
Physical Education

SECOND SEMESTER:

Biology 104, 114
Chemistry 102, 112
English 102
Mathematics 106
Physical Education

SOPHOMORE YEAR

Biology 217 or 203
Chemistry 203
English 201
Social Science Elective
Psychology 201
Physical Education

Biology 302 or 306
Chemistry 204 or 255
English 202
Social Science Elective
Psychology 202
Physical Education

JUNIOR YEAR

Biology 313 or 401
Physics 201
Foreign Language 101
Religion 101
General Education 401

Biology 306 or 302
Physics 202
Foreign Language 102
Religion 102
General Education 402

SENIOR YEAR

Additional courses in Biology, along with sufficient electives in other fields, may be taken to qualify for a B.S. degree in Biology or the student may transfer to an approved hospital school as stated above and after the satisfactory completion of a minimum of thirty (30) semester hours be granted the B.S. degree in Medical Technology.

PRE-DENTAL AND PRE-MEDICAL CURRICULUM

A minimum of three years of pre-professional training is required for admission to most dental and medical schools and many require a college degree. The student should, therefore, direct his course of study towards a degree and become acquainted as soon as possible with the prerequisites of the professional school he wishes to attend.

The B.S. degree may be obtained with either a departmental or divisional major. Students who have satisfactorily completed 114 semester hours of this curriculum in residence, and who have met all other requirements for graduation, may receive the B.S. degree after the successful completion of the first year of medical school. Not more

than ten semester hours of credit earned in the professional school may be applied towards the degree; these must not duplicate those taken in the pre-medical program.

The following curriculum is recommended:

FRESHMAN YEAR:

Biology 101, 104, 111, 114.
Chemistry 101-102, 111, 112.
English 101-102.
Mathematics 105, 106.
Physical Education.

SENIOR YEAR:

Complete requirements for B.S.
Degree.

SOPHOMORE YEAR:

Biology 203, 204.
Chemistry 203, 204 or 301-302.
English 201-202 or 203-204.
French or German.
Elective Group II.
Physical Education.

ELECTIVE:

Group I.

Biology 210, 305, 313, 314, 306.
Chemistry 421.
Physics.

Group II.

Psychology 201, 202.
Economics 204.
Government 201.
Philosophy 201.
History 101, 102.
Sociology 101.
Speech 103, 104.
Art 101, 102.
Music Appreciation 153, 154.
Commerce 165.

JUNIOR YEAR:

Chemistry 301-302 or 203, 204.
Physics 201, 202.
Religion 101, 102.
Foreign Language or Social Science.
Elective Group I or II.

OTHER MEDICAL FIELDS

Preparatory programs are offered for the following fields of medicine: physical therapy, pharmacy, osteopathy, and veterinary medicine.

COURSES OF INSTRUCTION

On the pages that follow, the courses which a student may take are listed. Not all courses are offered every semester. Before the date of registration, a Schedule of Classes is published which lists each course to be offered that session, together with its hour, days, and place of meeting.

Courses numbered from 100 to 199 inclusive are ordinarily taken in the Freshman year; those numbered 200 to 299, in the sophomore year; those numbered from 300 to 399, in the junior or senior year; and those from 400 to 499, in the senior year. A few courses with numbers beginning with zero carry no college credit.

Courses that are normally offered in the fall semester bear odd numbers; those normally offered in the spring semester, even numbers.

Courses that bear a single number continue for one semester only; courses that bear a double number continue through two semesters (one year).

Year courses organized so that the student may enroll in and receive credit for either half without the other bear double numbers separated by a comma—for example, "English 309, 310." Year courses requiring the first half as prerequisite for the second bear double numbers separated by a hyphen, for example, "Chemistry 101-102." Year courses so closely integrated that both halves must be completed before credit is received in either bear double numbers separated by hyphens and enclosed in parentheses, for example, "Spanish (101-102)."

Certain courses carry three figures relating to hours, for example in Biology, "306, Microbiology. 3-3-4." The first figure designates the number of lecture hours a week; the second, the number of laboratory hours a week; the third, the number of semester hours credit granted for the course.

The number of semester credit hours specified in the catalogue description of the course is the number that can be earned in one semester. If the course is pursued successfully for the whole year, twice the number of hours listed in the description will be earned.

ART

The Art Department is an integral part of the liberal arts program and, as such, is not intended to take the place of a professional art school. Its aim is to give the student sound training in drawing, painting, art history, and technique, and to encourage creative thinking and productivity. The program is based on the conviction that such a broad background of basic knowledge will greatly increase the possibility of full expression.

MAJOR: 38 semester hours including the following studio courses which must be taken consecutively; 103-104, 203-204, 303-304, and 401-402. The remaining hours are taken in art history, the graphic arts, materials and techniques, and the art seminar.

COURSES:

01. CERAMIC JEWELRY. No credit.

Pouring, glazing and firing ceramic jewelry and some instruction in the use of a press mold. Offered in the evening division.

04. INTERIOR DECORATION. Formerly Applied Art 209. No credit.

Units of work concerning interior decoration will be offered, including such problems as new trends in color schemes, furniture, lighting, and fabrics. This course includes both lecture and laboratory work.

05. FASHION DESIGN. Formerly Applied Art 211. No credit.

A beginning course for the study of modern fashions and color as based on historic design. Study of designs for street, stage, and formal wear. Quick pencil sketching as demanded by the trade, which enables the designer to put workable designs on paper, is an important part of the course.

101. SURVEY HISTORY OF ART. 3 hours.

An historical survey of painting, architecture, and sculpture from prehistoric times to the Italian Renaissance.

102. SURVEY HISTORY OF ART. 3 hours.

A history from the Italian Renaissance to the contemporary schools in Europe and the United States.

103-104. DRAWING AND COMPOSITION FOR BEGINNERS. 3 hours.

Basic training stressing draftsmanship and the elements of picturemaking. Drawing will be done in black and white, and in color. Outside compositions will be done for a weekly criticism class. This course, or its equivalent, is prerequisite to all advanced drawing and painting courses. Six studio hours a week.

105-106. INTRODUCTION TO ART. 3 hours.

A beginner's course for students whose field of concentration lies in other departments and who have had no previous training in art. Not open to art majors or to those who have had 103-104. Six studio hours a week.

107. ART APPRECIATION. 1 hour.

A non-technical course for the general college student. No credit toward an Art Major. The arts of the past and present are studied in relation to their social and cultural backgrounds.

203-204. ADVANCED DRAWING AND COMPOSITION. 3 hours.

The essentials are still stressed, but the student is encouraged to experiment with different media and methods of expression. Outside compositions will be for a weekly criticism class. Six studio hours a week.

205-206. ADVANCED PAINTING IN WATER COLORS. 3 hours.

Six studio hours a week.

209. COMMERCIAL ART. 3 hours.

Offered in the evening division.

301, 302. GRAPHIC ARTS. 3 hours.

A study of the processes involved in the making and printing of etchings, woodcuts, linoleum block prints, and lithographs, with lecture and studio practice. Open to students who have had 103-104, and 203-204, or their equivalents. Three hours a week with outside work.

303-304. PAINTING. 3 hours.

Proficiency in the use of oil paints is regarded as basic, but the student is encouraged to experiment with other media. Outside compositions will be brought in each week. Six studio hours a week.

307. MATERIALS AND TECHNIQUES. 3 hours.

Prerequisite: junior standing in the department. A systematic study of the less common methods of painting, including encaustic, mosaic, egg-tempera, casein, and plastics, and an examination of the techniques of some of the Old Masters. Lecture, studio, and outside work.

401-402. ADVANCED PAINTING. 3 hours.

During the final year the student is encouraged to develop a personal philosophy of painting. Instruction will depend largely upon the needs and natural inclinations of the individual student. Each student will have a Senior Exhibit of his best work. Outside compositions will be brought in at the request of the instructor. Six studio hours a week.

403. ART SEMINAR. 2 hours.

Prerequisite: senior standing or permission. A review of the history of art, and the facts and principles which are emphasized in all of the courses required for a major in art.

421-422. HONORS COURSE IN ART. 3 hours.

Open to qualified senior art majors. Work may be done in research and reading, or in painting. The student will follow a work plan arrived at in cooperation with the head of the department, and must consistently furnish evidence of seriousness of purpose.

BIOLOGY

The courses in this department are designed to emphasize the general cultural values of the biological sciences and the practical aspects of biology as related to man, and to provide a broad background for graduate study in this science or for the numerous professions related to this field of study.

MAJOR: Thirty-four semester hours in Biology; Mathematics 105-106, General Chemistry, and General Physics; Chemistry 302 or 204. Satisfy all requirements for B.S. degree.

COURSES:

101. PRINCIPLES OF BIOLOGY. 3-0-3 hours.

A study of the fundamental biological principles governing living organisms. Emphasis will be placed on the properties of protoplasm and cell organization; the methods by which plants and animals maintain themselves, grow and reproduce; the mechanisms of heredity and evolution.

A prerequisite to all other courses in the department.

111. PRINCIPLES OF BIOLOGY LABORATORY. 0-3-1 hours.

A laboratory course required of all students enrolled in Biology 101 and to be taken concurrently.

102. GENERAL BOTANY. 3-0-3 hours.

Prerequisite: Biology 101, 111.

A detailed study of the anatomy and life history of representatives of all groups of plants.

112. GENERAL BOTANY LABORATORY. 0-3-1 hours.

A laboratory course required of students enrolled in Biology 102 and to be taken concurrently.

104. GENERAL ZOOLOGY. 3-0-3 hours.

Prerequisite: Biology 101, 111.

A study of the principal animal phyla.

114. GENERAL ZOOLOGY LABORATORY. 0-3-1 hours.

A laboratory course required of students enrolled in Biology 104 and to be taken concurrently.

121. INTRODUCTION TO FORESTRY. 3-0-3 hours.

Phases and values of forestry and forest products. Industries considered on a local, state and national basis.

Centenary College has an affiliation with the Forestry School of Duke University whereby three years (six semesters) of forestry training may be taken at Centenary after which the student transfers to Duke University for four semesters and one summer session. Upon satisfactory completion of the prescribed program, the B.S. degree is awarded by Centenary College and the M.S. degree by Duke University.

122. SOUTHERN FOREST MANAGEMENT. 3-0-3 hours.

Prerequisite: Biology 102 or 121.

Growing, protecting, harvesting and marketing trees in the southern states; utilization of southern forest products.

201. INVERTEBRATE ZOOLOGY. 3-3-4 hours.

Prerequisite: Biology 104, 114.

The taxonomy, morphology, physiology, and life histories of the invertebrate animals.

202. PLANT TAXONOMY. 3-3-4 hours.

Prerequisite: Biology 102 or consent of instructor.

A course in the identification and classification of plants native to this area or found in local cultivation.

203. COMPARATIVE ANATOMY OF VERTEBRATES. 2-6-4 hours.

Prerequisite: Biology 104.

A comparative study of the vertebrate systems and their phylogenetic development. Dissections are made of the shark, Necturus and cat.

204. EMBRYOLOGY. 3-3-4 hours.

Prerequisite: Biology 104.

Gametogenesis, fertilization and early embryonic development; vertebrate ontogeny of chick and pig.

206. DENDROLOGY. 2-3-3 hours.

Prerequisite: Biology 102, 121.

Nomenclature, classification, identification, distribution and ecology of the more important woody plants of the United States with special emphasis on species indigenous to the Ark-La-Tex.

210. INTRODUCTION TO ENTOMOLOGY. 3-3-4 hours.

Prerequisite: Biology 104.

A survey of class Insecta with emphasis on the identification and control of insects which affect the health of man, and of those insects which are of economic importance to the South.

211. INSECT MORPHOLOGY AND TAXONOMY. 2-6-4 hours.

Prerequisite: Biology 210.

A study of the structure of insects and their classification from phylogenetic aspect.

217. HUMAN ANATOMY AND PHYSIOLOGY. 3-3-4 hours.

Prerequisite: Biology 104.

A basic course designed especially for students interested in Physical Education, Medical Technology and Physical Therapy.

302. MICROTECHNIQUE. 2-6-4 hours.

Prerequisite: Biology 104 and preferably 401, or consent of instructor.

Preparation of animal tissue for microscopical study. Especially recommended to students who plan to enter graduate school or to be medical technologists.

303. PLANT PHYSIOLOGY. 3-3-4 hours.

Prerequisite: Biology 102. Chemistry 102, 112 recommended.

A study of nutrition, growth and reproduction of plants and their physiological response to environment factors.

305. ECOLOGY. 3-3-4 hours.

Prerequisite: Biology 102, 104; Chemistry 102, 112.

A study of the interrelations of living things with reference to their non-living environment.

306. MICROBIOLOGY. 3-3-4 hours.

Prerequisite: Biology 102 or 104; Chemistry 102, 112.

A general course dealing with the morphology and physiology of microorganisms, including their relations to disease, sanitation, food preservation, dairy products, soil fertility, and industry. Some consideration is given to pathogenic fungi and to viruses.

313. GENETICS. 3-0-3 hours.

Prerequisite: Biology 102 or 104.

Principles of heredity and their practical application in the breeding of plants and animals.

314. EUGENICS. 3-0-3 hours.

Prerequisite: Biology 313.

A study of human heredity and its practical application.

315. GENETICS LABORATORY. 0-3-1 hours.

A laboratory course to accompany Biology 313. Registration in this course is optional with the student.

401. HISTOLOGY. 3-3-4 hours.

Prerequisite: Biology 203 or 207.

Microscopic study of the tissues and organs of the human body.

402. HUMAN PHYSIOLOGY. 3-3-4 hours.

Biology 203; Chemistry 302.

Fundamental principles and recent advances in human physiology.

403, 404. BIOLOGICAL PROBLEMS. 1-3 hours.

Prerequisite: 20 hours of biology and with consent of instructor.

Special problems in biological investigations designed to introduce the student to biological research. A written report must be submitted.

407. MYCOLOGY. 3-3-4 hours.

Prerequisite: Biology 102 or consent of instructor.

Morphology and taxonomy of the fungi with emphasis on the fungi which cause diseases of the field, forest and ornamental plants, and the methods of their control.

CHEMISTRY

The chemistry department serves three types of students: first those who plan to become professional chemists; second, those who expect to use chemistry in other professions or occupations; third, those who desire a science course for general education and for training in scientific methods of thought. Centenary College is one of the limited number of colleges that is approved by the American Chemical Society for the training of chemists.

MAJOR: Chemistry 302, 402, and 404 and the prerequisites for these courses; two additional semesters of advanced work in chemistry; mathematics through differential equations; general physics; one semester of advanced mathematics or physics; German.

COURSES:

101-102. GENERAL CHEMISTRY. 3-0-3 hours.

First semester: The general foundations and principles of chemistry. Second semester: The study of equilibrium and consideration of the more important elements and their compounds. Either of these semesters may be waived for students who prove that they are prepared to take more advanced work.

111-112. GENERAL CHEMISTRY LABORATORY. 0-3-1 hours.

Individual laboratory work designed to accompany courses 101-102.

203-204. ANALYTICAL CHEMISTRY. 2-6-4 hours.

The theory of analytical separations and the identification of the components of mixtures. Qualitative and introductory quantitative methods are covered during the first semester. Gravimetric, volumetric and colorimetric methods are covered during the second semester.

255. ORGANIC CHEMISTRY—SHORT COURSE. 3-3-4 hours.

Prerequisites: Chemistry 102 and 112 or the consent of the instructor.

A study of the most important aspects of organic chemistry. Not acceptable for chemistry majors, and not recommended for pre-medical or pre-dental students.

301-302. ORGANIC CHEMISTRY. 3-3-4 hours.

Prerequisites: Chemistry 102 and 112; 203 recommended.

A systematic study of the various series of organic compounds. Monofunctional compounds are covered in the first semester; di- and polyfunctional compounds are studied in the second semester. The laboratory work is on a semimicro scale and includes introductory qualitative organic analysis.

303-304. ORGANIC CHEMISTRY LABORATORY. 0-3-1 hours.

Additional laboratory work to accompany courses 301-302.

310. ANALYSIS OF NATURAL GAS. 0-3-1 or 0-6-2 hours.

Prerequisites: Two years of college chemistry or the consent of the instructor. The theory and practice of the analysis of natural gas. The Podbielniak and gas chromatography apparatus are used.

401-402. PHYSICAL CHEMISTRY. 4-0-4 hours.

Prerequisites: Chemistry 204 and integral calculus.

An introduction to the laws that explain the properties of gases, liquids, crystals, and colloids, and the behavior of their mixtures; chemical thermodynamics; kinetics; electrochemistry; photochemistry; atomic and molecular structures.

403-404. PHYSICAL CHEMISTRY LABORATORY. 0-3-1 hours.

Laboratory work designed to accompany chemistry 401-402.

421. QUALITATIVE ORGANIC ANALYSIS. 1-6-3 hours.

Prerequisite: Chemistry 302.

A study of the theory and practice of identifying organic compounds and the separation of mixtures. Semimicro procedures are used.

426. ADVANCED ANALYTICAL CHEMISTRY. 2-6-4 hours.

Prerequisites: Chemistry 204 and 402 or concurrent registration in 402; Physics 102.

Newer gravimetric, volumetric, and instrumental methods of analysis, including visual and flame spectrophotometry, polarography, compleximetric titrations, electrotitrations, and infra red spectrophotometry.

427. SPECIAL PROBLEMS IN CHEMISTRY. 1-6-3 hours.

Open to chemistry seniors with the consent of the instructor. One hour conference per week. Library and laboratory pertinent to the problem selected. A written thesis is required.

ECONOMICS AND BUSINESS

ECONOMICS

The Department offers training for the citizen who to a degree must be an economist in his daily life; for the businessman who must make decisions in the light of economic developments; and for the economist who is concerned directly with the manner in which the economic system as a totality operates.

The student who majors in Economics should realize that although he can acquire considerable knowledge of his specialized field as an undergraduate, his primary concern should be the gaining of the liberal background necessary in order to analyze the many noneconomic aspects of the issues with which he must deal.

MAJOR: Thirty semester hours in Economics in addition to the general requirements for the A.B. or B.S. degree in Social Science. Business 425 and 426 may be used to satisfy the major requirements in Economics.

Prerequisite policy: Only Economics 123 is open to freshmen; Economics 201 and 202 are prerequisites for all other courses except 204 and 315.

123. ECONOMIC HISTORY OF THE U. S. 3 hours.

A survey course which traces the development of agriculture, industry and commerce in U. S. history.

159-160. OIL AND GAS LAW. 2 hours each semester.

Royalties, leases, conservation laws, principles of inheritance, etc. Elective credit only. Evening Division only.

201-202. PRINCIPLES AND PROBLEMS OF ECONOMICS. 3 hours each semester.

First semester: Economic concepts, basic principles and laws, institutional development and economic analysis. Second semester: Application of economic theory to problems of human welfare and the development of economic institutions.

204. PRINCIPLES OF ECONOMICS. 3 hours.

A one-semester survey course designed to provide a general knowledge of the economic aspects of our society. Not open to Business and Economics majors. Spring semester.

305. ELEMENTARY STATISTICS. 3-2-4 hours.

Frequency distribution analysis, time series analysis, index numbers and simple correlation. Recommended for majors in Education, Psychology, Sociology and Business. Fall semester.

315. CONSUMER ECONOMICS. 3 hours.

Problems of the individual and family in buying intelligently in the market and making the best use of income. Elective credit only.

324. LABOR PROBLEMS. 3 hours.

A study of the development and place of organized labor in modern economic society.

326. PUBLIC FINANCE. 3 hours.

A study of governmental expenditure, debt and taxation policies.

328. PUBLIC UTILITIES. 3 hours.

Difference between competitive enterprise and public utility companies. Principles of regulation of utilities. Public and private ownership of utilities. Evening Division only.

329. MONEY AND BANKING. 3 hours.

The structure and operation of our money and banking institutions, with emphasis on the place of money and banking in the economic life of the community. Spring semester.

430. BUSINESS FLUCTUATIONS. 3 hours.

Economic fluctuations—possible causes and cures.

440. INTERNATIONAL ECONOMICS. 3 hours.

Analysis of foreign trade and finance in terms of today's economic and political institutional structure.

470. ECONOMICS SEMINAR. 1 to 3 hours.

A reading and research course open to qualified seniors by special permission.

BUSINESS

There is general agreement today that businessmen need broad training in the liberal arts—in literature and other humanities, in mathematics and natural science, and in the field of the behavioral sciences (political science, history, psychology and sociology). The Department offers broad integrated courses in the general areas of business and recommends that the student limit his business courses to a thirty-hour core (principles of accounting, statistics, business law, principles of management, principles of marketing, money and banking and corporation finance), taking the balance of his undergraduate work in the liberal arts. This core of business subjects is designed to present a broad view of the business world, to avoid the dangers of over-specialization in subjects which are purely vocational in nature, and to provide a foundation for specialized graduate study in business.

As a service to the local business community the Department offers, primarily through the Evening Division, some specialized, vocationally-oriented courses (for example, accounting) for those persons in the business world who desire this type of training. These courses are not recommended for the degree-seeking undergraduate, and in many cases do not offer credit, or offer elective credit only.

MAJOR: Thirty semester hours in Business in addition to the general requirements for the Social Science B.S. degree. Business 103-104, 323-324 and Economics 201-202 are required of all majors, and at least 18 of the 30 hours must be in courses at the 300-400 level. Economics 305, 324, 329, 430, and 440 may be used to satisfy the major requirements in Business.

Prerequisite policy: Approval of instructor. Courses at the 300 and 400 level are open only to juniors and seniors and require Economics 201-202 and Business 103-104 as prerequisites.

04-05. C. P. A. REVIEW.

A non-credit course designed as a review covering the four phases of the C. P. A. examination: (1) law; (2) auditing; (3) theory; (4) practice.

(103-104.) PRINCIPLES OF ACCOUNTING. 3 hours each semester.

An introductory course to familiarize the student with the basic forms and procedures, and to give him a clear presentation of the entire accounting field.

124. THE STRUCTURE OF AMERICAN INDUSTRY. 3 hours.

A study of the structure and activities of typical American industries.

161-162. ELEMENTARY SHORTHAND. 3 hours each semester.

An intensive introductory course in Gregg shorthand. Five hours a week.

165. ELEMENTARY TYPEWRITING. 2 hours.

Principles and techniques of touch typewriting. Five hours a week. Placement tests will be given students presenting entrance credits.

166. INTERMEDIATE TYPEWRITING. 2 hours.

Intended to develop a greater skill in operating the typewriter. Five hours a week.

205-206. INTERMEDIATE ACCOUNTING. 3 hours each semester.

This course covers the principles of balance sheet valuation and profit determination. Emphasis is on matters of fundamental accounting theory.

207-208. PETROLEUM ACCOUNTING. 3 hours each semester.

A specialized course in petroleum accounting, presenting methods and procedures used in the oil and gas industry. Elective credit only. Evening School only.

209-210. PUBLIC UTILITY ACCOUNTING. 3 hours each semester.

A course designed to acquaint the student with accounting procedure followed by natural gas, electric and telephone companies. Elective credit only. Evening School only.

241. ADVERTISING. 3 hours.

Survey of advertising procedure, covering elements of good copy and layout, printing and engraving principles, advertising media, markets, copytesting.

242. BUSINESS CORRESPONDENCE. 3 hours.

Study and practice in writing correct and forceful business letters and reports.

263-264. ADVANCED SHORTHAND. 3 hours each semester.

A continuation of the elementary course with emphasis on the development of speed in dictation and transcription. Five hours a week.

265-266. ADVANCED TYPEWRITING. 2 hours each semester.

The course is designed to develop greater technical skill. Practice is given in typing various types of business documents. Five hours a week.

301. REAL ESTATE PRINCIPLES. 3 hours.

A survey course dealing with the fundamental branches of real estate business, including advertising, selling, financing, building construction, building management, and settlements. Offered in cooperation with the Shreveport-Bossier Board of Realtors. Evening Division only.

307. ADVANCED ACCOUNTING. 3 hours.

An advanced theory course presenting the accounting problems in consolidated statements, partnerships, installment sales, consignments, branch offices and fiduciaries.

308. GOVERNMENTAL ACCOUNTING. 3 hours.

A course presenting the accounting theory and practice concerning municipalities and other governmental units and non-profit institutions, placing special emphasis on budgetary and fund accounting.

309. COST ACCOUNTING. 3 hours.

An introductory course which presents the accounting for materials, labor and burden under job order cost systems and process cost systems for the manufacturing concern.

310. INTERMEDIATE COST ACCOUNTING. 3 hours.

Advanced process cost procedures; "expected" and "basic" standard cost systems; special procedures for accounting for avoidable and unavoidable spoilage; fundamentals of direct costing.

311-312. AUDITING. 3 hours each semester.

This course presents the problem of modern auditing and is designed to meet the current demands for skilled public accountants.

313-314. INCOME TAX PROCEDURE. 3 hours each semester.

State and Federal income tax laws and procedures, as related to filing of corporation, partnership and fiduciary tax returns and relationship of accounting policy of a business to its income tax liability. Evening School only.

320. PERSONNEL MANAGEMENT. 3 hours.

A survey of the organization and administration of the personnel department, education and training policies, wage policies, and the maintenance of favorable industrial relations. Evening Division only.

321. PRINCIPLES OF MANAGEMENT. 3 hours.

A survey course designed to acquaint the student with the fundamentals of managerial problems. Spring semester.

322. SMALL BUSINESS OPERATIONS. 3 hours.

The course is designed to acquaint the student with the organization and operations of a small business, including how to organize the business, capital and credit problems, managerial problems. Evening Division only.

323-324. BUSINESS LAW. 3 hours each semester.

A study of the legal aspects of business transactions.

343. SALESMANSHIP. 3 hours.

The modern sales position from the viewpoint of both the seller and the buyer. Evening Division only.

346. PRINCIPLES OF MARKETING. 3 hours.

A study of marketing functions, agencies, costs, pricing policies, advertising, chain store distribution, the supermarket and cooperative marketing. Fall semester.

348. CREDITS AND COLLECTIONS. 3 hours.

A course designed to present the fundamentals of credit policy to the student. Evening Division only.

350. CREDITS AND COLLECTIONS PROBLEMS. 3 hours.

The course consists of approximately 25 problems in credit which will allow the student to cope with all the details accompanying the normal credit operation. Elective credit only. Evening Division only.

425. CORPORATION FINANCE. 3 hours.

A study of the promotion, incorporation and financing of modern business. Fall semester.

426. INVESTMENTS. 3 hours.

A study of the principles and problems determining sound investment policy.

EDUCATION AND PSYCHOLOGY

EDUCATION

The Department of Education and Psychology has responsibility for the teacher-education curriculum of the college. It also provides elective courses for those interested and sponsors educational activities. Its goal is to produce teachers who are professionally prepared, rich in the liberal arts, knowledgeable in the issues of democracy, and strong morally and ethically.

The teacher-education program of the Department meets the requirements of Louisiana law. Candidates for teaching certificates in the state fulfill the requirements for Lower Elementary, Upper Elementary, or High School certificates. The student teaching required for certification is done in the Shreveport schools. The Department provides a Teacher Placement Bureau for all who are registered in the program.

MAJOR: Candidates for one or more certificates must meet all the requirements for graduation and complete also the teacher-education curriculum and the subject matter curriculum in the chosen teach-

ing field. Students should meet with advisors both in the Department of Education and in the department of their teaching field for detailed information about these requirements. Students may select a teaching field from one or more of the college departments if the subject is accepted by the State Department of Education. Each participating department has a consultant to aid the student with his counseling problems.

Certification Requirements: General requirements for Certification include 124 semester hours, 46 of which are as follows: English, 12; Social Studies, 12; Natural Science, 12 (i.e., 4 each of Chemistry, Biology, and Physics); Mathematics, 6; Health and Physical Education, 4, plus the following Centenary requirements totaling 17 hours: Religion, 6; Foreign Language, 8; Great Issues, 3. All of the above grouped 46 hours should be completed in the student's first two years in college. The 17 hours of the second group may be spread over all four of the undergraduate years.

Subject-matter teaching Major and Electives: The total of hours required varies with the departments but does not exceed 42 hours in any one department.

Professional Education: The courses required in most certification programs are as follows, though Elementary and Music requirements differ slightly:

Education	102	Foundations of Education	3 hrs.
Psychology	206	Educational Psychology	3
Psychology	302	Adolescent Psychology	3
Education	321	Methods	3
Education	410	Seminar	1
Education	422	Student Teaching	6
TOTAL			19

Administrative requirements: All candidates for certifications must, as required by law, register with the department for the Teacher-Education Curriculum no later than the beginning of their junior year. The student must comply with all the academic regulations of the College and also with the requirements of the Division of Social Sciences.

COURSES—EDUCATION

102. FOUNDATIONS OF EDUCATION. 3 hours.

A study of major movements and issues in education.

103. MATHEMATICS FOR TEACHERS. 3 hours.

Development of skills in general mathematics with emphasis on arithmetic.

205. CHILDREN'S LITERATURE. 3 hours.

Prerequisite: Sophomore standing.

A study of the classics, modern and traditional fairy tales, poetry, nursery rhymes, fables and myths, illustrations and story telling. Selection of books for different age-groups; the various appeals that books make to children.

206. ARTS AND CRAFTS FOR TEACHERS. 3 hours.

A development of basic skills in handicrafts and basic concepts and techniques in art for the elementary school. May be counted as art course for teachers only.

220. **AUDIO-VISUAL AIDS IN TEACHING.** 3 hours.
A study of the use of the radio, transcription, films, still pictures, slides, charts, globes, etc., as learning aids. Required for certification in many states.
- 311-312. **ELEMENTARY SCHOOL CURRICULUM.** 3 hours each.
Prerequisites: Education 102, Psychology 206.
A study of materials, methods and problems relative to the development of the elementary school child.
314. **TESTS AND MEASUREMENTS OF GROWTH IN LEARNING.** 3 hours.
A study of the measurement movement including standardized tests and the development of skills in constructing teacher-made tests. Required for certification in many states.
316. **THE EXCEPTIONAL CHILD.** 3 hours.
Prerequisite: Junior standing.
How to know and how to teach the slow learner, the hard of hearing and the physically handicapped.
321. **METHODS OF TEACHING IN THE SECONDARY SCHOOL.** 3 hours.
Prerequisites: Junior standing, Psychology 206 or 302.
A study of education on the secondary school level with emphasis on materials and techniques in each field of specialization.
323. **GUIDANCE AND COUNSELING.** 3 hours.
A study of the needs, purposes and techniques in guiding and counseling youth. Required for certification in many states.
400. **STUDENT-TEACHING IN THE LOWER ELEMENTARY GRADES.** 6 hours.
Prerequisites: Education 311-312, Psychology 206, 207.
Observation and teaching in grades 1 through 4. Maximum load including student teaching, 15 hours.
401. **STUDENT-TEACHING IN THE UPPER ELEMENTARY GRADES.** 6 hours.
Prerequisites: Education 311-312, Psychology 206, 207.
Observation and teaching in grades 4 through 8. Maximum load including student teaching, 15 hours.
410. **SEMINAR.** 1 hour.
Problems of Student-Teaching. To be taken concurrently with student-teaching only.
411. **TEACHING TECHNIQUES IN READING.** 3 hours.
Prerequisite: Junior standing.
To acquaint teachers with the values, materials and the techniques useful in a developmental reading program. It seeks further to acquaint students with professional literature in the field of reading.
412. **TEACHING SCIENCE IN ELEMENTARY SCHOOLS.** 3 hours.
Prerequisite: Education 311-312.
An understanding of the goals, principles, philosophy, activities, materials necessary to teach science in elementary schools. Practice in preparation and presentation of elementary science units is included. May be taken concurrently with practice teaching or later.
422. **STUDENT-TEACHING IN HIGH SCHOOL.** 6 hours.
Prerequisites: Education 102, 321; Psychology 206, 302.
Observation and practice teaching in the field of specialization. Maximum load including student-teaching, 16 hours.
425. **TEACHING THE GIFTED.** 3 hours.
Prerequisite: Teaching experience and some psychology.
Designed to achieve an understanding of the nature of giftedness and the conditions necessary to nurture it to fulfillment in the schools. Problems and resources to develop giftedness beyond the limits of the schools are considered.

PSYCHOLOGY

This area of study has for its objective the training of the individual for more effective living as reflected in social and vocational adjustment.

MAJOR: Thirty semester hours in Psychology and two years in a related Social Science approved by the major advisor.

Economics 305 is recommended and the credit may count toward a major in Psychology.

Introductory Zoology, 103 and 104, are strongly advised for prospective psychology students in their freshman year. Also a reading knowledge of French or German or both, is required for admission to many graduate departments of Psychology.

COURSES—PSYCHOLOGY

201. GENERAL PSYCHOLOGY. 3 hours.

Prerequisite: Sophomore standing.

An introductory course presenting an elementary study of the entire field of psychology.

202. APPLIED PSYCHOLOGY. 3 hours.

Prerequisite: General Psychology 201.

A study of the application of basic physiological and psychological principles to perception, thought, emotions, motivations, learning and personality improvements.

203. ELEMENTARY LABORATORY IN PSYCHOLOGY. 1-4-3 hours.

Prerequisite: Completion of, or enrollment in, Psychology 201.

A demonstration in the laboratory of principles discussed in Psychology 201.

206. PSYCHOLOGY APPLIED TO EDUCATION. 3 hours.

Prerequisite: Sophomore standing.

A study of principles of general psychology applied to education.

207. CHILD PSYCHOLOGY. 3 hours.

A study of physical, mental and social development of children from birth through twelve years.

301. MENTAL HYGIENE. 3 hours.

Prerequisite: Psychology 201.

A study of mental health, adjustment problems and self-management.

302. PSYCHOLOGY OF ADOLESCENCE. 3 hours.

Prerequisite: Junior standing.

A study of the adolescent; his emotional life interest, personality disturbances and adjustments.

311. INDUSTRIAL PSYCHOLOGY. 3 hours.

Study of duties and responsibilities of personnel department. Use of tests in industry.

313-314. PSYCHOLOGICAL LITERATURE SEMINAR. 1 hour each.

Prerequisites: Junior standing and Psychology 201.

A study of material found in psychological publications and reports on articles are required of students. Required of majors in psychology and recommended for minors.

400. ADVANCED GENERAL PSYCHOLOGY. 3 hours (1961-62 and alternate years).

Prerequisites: Junior standing, Psychology 201, 203.

An intensive study of the structure functions, with emphasis on physiological psychology.

401. SOCIAL PSYCHOLOGY. 3 hours.

Prerequisite: Junior standing.

A study of the nature of social behaviors; a psychological analysis of society and social institutions.

402. PSYCHOLOGY OF THE ABNORMAL. 3 hours.

Prerequisite: Psychology 201.

A survey of the field of abnormal behavior. Emphasis on the prophylactic and ameliorative approach.

430. SURVEY OF APPLIED PSYCHOLOGY. 3 hours (1961-62 and alternative years).

Principles of Psychology applied to the fields of industry and professions.

ENGLISH

The purpose of courses in English is to develop skill in written communication and to develop critical judgment and appreciation of the work of major writers in relation to their social and intellectual background.

MAJOR: (1) Twenty-four semester hours of English in courses numbered 200 and above, of which at least six hours shall be in courses numbered 400 and above and six additional hours numbered 300 and above.

(2). Twelve to eighteen hours in related subjects approved by the Head of the English Department must also be taken.

English 407 is required and English 301, 302, and 415 are recommended for all English majors.

COURSES:

101-102. FRESHMAN ENGLISH. 3 hours.

Designed to develop precision and correctness in writing through theme writing and reading of literature.

142. DESCRIPTIVE ENGLISH GRAMMAR AND USAGE. 3 hours.

Prerequisite: English 101-102.

Intensive study of the English sentence, its structural logic and idiom. Offered as a service to students who feel uncertain about the conventional correctness of their own English. Will give no credit toward the English major, but may be counted toward a "teaching field" in English, and as a general elective credit.

143. DEVELOPMENTAL READING. 1 hour.

Development of good reading habits with aid of the tachistoscope and controlled reader. Emphasis on speed and comprehension.

201-202. MASTERPIECES OF ENGLISH LITERATURE. 3 hours.

An intensive study of representative English writers from Chaucer to Shaw. Required of all candidates for the B.A. degree.

203-204. MASTERPIECES OF AMERICAN LITERATURE. 3 hours.

An intensive study of representative American writers from Edwards to Hemingway. Candidates for the B.S. degree may meet English requirements with this course in place of English 201-202 if they so desire.

301. THE AMERICAN NOVEL. 3 hours.

A careful study of selected works of twelve important American novelists.

302. THE AMERICAN RENAISSANCE. 3 hours.
A study of the major American writers of the mid-nineteenth century; Emerson, Thoreau, Whitman, Melville, and Hawthorne.
303. LITERATURE OF THE ROMANTIC PERIOD. 3 hours.
A study of English romantic writers, exclusive of the novel.
304. LITERATURE OF THE VICTORIAN PERIOD. 3 hours.
A study of Victorian writers, exclusive of the novel.
305. SEMINAR IN WRITING. 3 hours.
Prerequisite: Junior standing or permission.
Practice in writing various forms of prose and poetry. Offered only on sufficient demand.
309. SHAKESPEARE SURVEY. 3 hours.
Reading and discussion of fourteen or more of Shakespeare's plays and the sonnets.
- 311, 312. TWENTIETH-CENTURY ENGLISH AND AMERICAN LITERATURE. 3 hours.
A study of the major movements in fiction, poetry, drama, and criticism since 1900. The terminal date for the first semester course is 1925; the second semester will be devoted to the period from 1925 to the present.
313. THE ENGLISH BIBLE AS LITERATURE. 3 hours.
A study of the Bible as a collection of literary masterpieces of many types and forms. (May be used by advanced students in lieu of Religion 101 or 102.)
- 315, 316. NON-DRAMATIC LITERATURE OF THE ENGLISH RENAISSANCE. 3 hours.
Study of prose and non-dramatic poetry of the late 15th to mid-17th centuries, with emphasis upon the humanists, the sonneteers, Spenser, Sidney, Bacon, Browne, and the schools of Jonson and Donne.
- 317, 318. LITERATURE OF THE RESTORATION AND EIGHTEENTH CENTURY. 3 hours.
A study of representative literature of these periods, exclusive of the novel.
401. CHAUCER. 3 hours.
A study of the major poems, with chief emphasis upon the *Canterbury Tales*.
402. MILTON. 3 hours.
A study of the poetry and of typical prose, with emphasis upon the Minor Poems, *Paradise Lost*, and *Samson Agonistes*.
- 403, 404. THE ENGLISH NOVEL. 3 hours.
The development of the novel from the beginning of prose fiction through the Eighteenth Century novelist, in the first semester; the major Nineteenth Century novelists, in the second semester.
406. LITERARY CRITICISM. 3 hours.
The study of major critical documents from Plato and Aristotle to the present as they mark changing attitudes toward creative literature; the theory of criticism; the problems of practical criticism; and the preparation of papers applying theory and solving problems.
407. SEMINAR IN ENGLISH. 3 hours.
Prerequisite: Senior standing or permission.
A survey course at the senior level, designed to organize and synthesize the student's information about English and American Literature.
410. SHAKESPEARE SEMINAR. 3 hours.
Prerequisite: Permission of instructor.
Intensive study of various Shakespearean concepts, interpretations, and other problems. Presentation of individual papers and group projects.

415. HISTORY OF THE ENGLISH LANGUAGE. (Formerly English 315), 3 hours.

A survey history of the English language, with attention to phonology, morphology and syntax, and to idioms.

417. PRE-SHAKESPEAREAN DRAMA. (Formerly English 307), 3 hours.

The development of the English drama from its medieval and classical sources before Shakespeare.

418. ELIZABETHAN AND LATER DRAMA. (Formerly English 308), 3 hours.

The English drama from the time of Shakespeare to the closing of the theatres, 1642.

FOREIGN LANGUAGES

Study of one or more foreign languages will introduce the student to the accumulated culture and experience of the human race, show him the continuation of the present from the past, and provide him with some understanding of the world in which he lives.

If the student plans to be a translator, he needs to acquire a thorough reading knowledge of the language of his choice. If he plans to enter the diplomatic service or be an interpreter, he will need also to master the spoken language. If he plans to prepare to do clerical work involving foreign correspondence as a commercial attache, a secret service employee or a foreign trade expert, he will need to acquire skill in both speaking and writing the language of the countries in which he is interested.

MAJOR IN FRENCH OR SPANISH OR COMBINATION: Twenty-nine semester hours or equivalent; fourteen semester hours in a second foreign language, or eleven hours in each of two; or other subjects approved by the Head of the Department. The Combination Major can be of any combination: French-Spanish, Spanish-German, German-French in which the student must take twenty-three semester hours in one and twenty semester hours in the other or equivalent.

Students credited on admission with two units in a foreign language should take Course 201 in that language. Students presenting three units may, after conference with department professor, enter French, German or Spanish 301.

COURSES—FRENCH

(101-102). BEGINNING FRENCH. 3-2-4 hours.

Oral practice and pronunciation, elementary composition, reading and grammar.

201-202. INTERMEDIATE FRENCH. 3 hours.

Prerequisite: French 101-102.

Conversation, more difficult reading, composition and grammar.

301-302. ADVANCED FRENCH. 3 hours.

Prerequisite: French 201-202.

Composition, including free composition, dictation, and selected readings from authors of modern literature.

401. MOLIERE, CORNEILLE, AND RACINE. 3 hours.

Prerequisite: French 301-302.

Lectures in French, collateral reading, study of their most distinctive plays.

402. VOLTAIRE AND ROUSSEAU. 3 hours.

Prerequisite: French 301-302.

Lectures in French, collateral reading, study in class of several of their most representative works.

403. MODERN AND CONTEMPORARY DRAMA. 3 hours.

Prerequisite: French 301-302.

Lecture, outside reading and study from such dramatists as Cúrel, Rostand, Porto Riche, Bernstein, Lavedan, Bataille, Pagnol, Giraudoux, Sartre, and Anouilh.

404. THE MODERN AND CONTEMPORARY NOVEL. 3 hours.

Prerequisite: French 301-302.

Lectures in French, study in class of representative works of Balzac, Stendhal, Flaubert, Zola, France, Duhamel, Proust, Gide, and Colette.

405. FRENCH CIVILIZATION. 3 hours.

Prerequisite: French 301-302.

Lectures in French, study in text Literature from Chansons de Gestes until end of eighteenth century.

406. FRENCH CIVILIZATION. 3 hours.

Prerequisite: French 301-302.

Continuation of Course 405. Beginning with nineteenth century and extending down to the present day.

407. ROMANTIC NOVEL. 3 hours.

Prerequisite: French 301-302.

Lectures in French, outside reading and study in class of such writers as Lafayette, Marivaux, Le Sage, de Stael, St. Pierre, Constant, Prevost, and Hugo.

COURSES—SPANISH

(101-102). ELEMENTARY SPANISH. 3-2-4 hours.

Grammar, reading composition and oral practice.

200. SPANISH CONVERSATION. 3 hours.

Prerequisite: One year of college Spanish, or two years of high school Spanish, or practical contact with the Spanish language.

This course is intended to meet a demand for Spanish conversation by people who have had the language in high school or some contact with it and who wish to become proficient in speaking it. Offered only in the Evening Division.

201-202. INTERMEDIATE SPANISH. 3 hours.

Prerequisite: Spanish (101-102) or two units from high school.

Advanced Grammar, composition, conversation, and reading of short stories.

205. SPANISH-AMERICAN CULTURE AND CIVILIZATION. 3 hours.

A survey of the native and Hispanic contributions to the life and literature of the American republics, with emphasis on the Mexican, as a typical example. Given in English and not to be used to fulfill the minimum language requirement for graduation.

301-302. A SURVEY COURSE IN SPANISH LITERATURE. 3 hours.

This course is required of Spanish majors.

401. THE DRAMA OF THE "SIGLO DE ORO." 3 hours.

Prerequisite: Three years of college Spanish or the equivalent.

A study of the best plays of Lope de Vega, Calderon, and other great dramatists of the Seventeenth Century.

402. THE MODERN DRAMA. 3 hours.

Prerequisite: Three years of college. Spanish.

The best plays of Jacinto Benavente and other leading dramatists of the Nineteenth and Twentieth Centuries.

421. THE EARLY NOVEL. 3 hours.

Prerequisite: Three years of college Spanish.

The Spanish Novel of the Sixteenth and Seventeenth Centuries with particular attention to Cervantes and *Don Quixote*.

422. THE MODERN NOVEL IN SPANISH AND SPANISH-AMERICA. 3 hours.

Prerequisite: Three years of college. Spanish.

COURSES—GERMAN

(101-102). ELEMENTARY GERMAN. 4 hours.

German and easy reading. Conversation.

201-202. INTERMEDIATE GERMAN. 3 hours.

Prerequisite: German 101-102.

Grammar review and simple composition exercises with much oral practice. Through the intensive and extensive reading of Modern German prose including a considerable body of scientific German, the course aims to give a competent reading knowledge of the language.

301-302. ADVANCED GERMAN. 3 hours.

Prerequisite: German 201-202.

Practice in translating from English into German and in free German composition. Comprehensive reading in German; selections from classical and modern authors. A general orientation in German Literature.

401-402. SURVEY OF GERMAN LITERATURE. 3 hours.

Prerequisite: German 301-302.

Reading from selected German authors.

COURSES—LATIN

(101-102). ELEMENTARY LATIN. 3 hours.

An introduction to the fundamentals of Latin Grammar and the reading of Latin Authors.

201-202. INTERMEDIATE LATIN. 3 hours.

Designed for Freshmen entering with two units of Latin, or those who have had Latin 101-102. Reading from several Latin writers. Systematic review of principles of syntax.

GENERAL EDUCATION

121. RELIGIOUS LIFE. 1 hour.

Religious activities consisting of weekly chapel services, the Religion in Life series (Religious Emphasis Week), The Willson Lectures, and the Lyceum programs.

Required each semester of all regularly enrolled students, but does not count toward a major, nor in counting minimum load, or tuition cost. Should not be considered transferable to other schools.

Credit, but no grade, will be given if not less than two-thirds of the required student assemblies are attended. If less than the minimum number are attended, no matter what considerations have caused the non-attendance, a grade of "F" will be recorded, and an additional hour of credit will have to be earned in a subject approved by the Dean.

COMPARATIVE LITERATURE

321. COMPARATIVE LITERATURE. 3 hours.

Prerequisite: Junior Standing.

A critical and historical study of the masterpieces of modern European and Oriental Literature in English translations, as well as the discussion of racial and national background of European literature up to 1600.

322. COMPARATIVE LITERATURE. 3 hours.

Prerequisite: Junior Standing.

A critical study of masterpieces of modern European, American and Latin-American Literature. Study and discussion will be devoted to such themes as: Revolt, Confession, Romance, Liberty of the Mind, and Introspection.

401. NATURAL SCIENCE SEMINAR. 3 hours.

Prerequisite: A senior majoring in either the Natural Science Division or in any one of the departments of the Natural Science Division.

An integrated course covering the history, methods, philosophy and the important concepts of the various branches of the Natural Sciences. Required of all students majoring in one of the sciences or taking a divisional major in Science.

411. MODERN ARTS AND AESTHETICS. 3 hours.

Survey of the humanities from the Renaissance to the present; an inter-departmental course introducing principles of criticism and appreciation of literature, music, and painting.

INTERDIVISIONAL SEMINAR

402. GREAT ISSUES OF THE DAY. 3 hours.

Prerequisite: Senior standing.

An interdivisional course designed to acquaint the student with some of the important issues which concern the college graduate of today. This course is required for graduation, and must be taken at Centenary College.

GEOLOGY AND GEOGRAPHY

The Geology Department provides training which will fit the student for employment in the geological departments of the oil companies or in service companies in the Ark-La-Tex areas, as well as to pursue graduate studies in the field of Geology.

MAJORS: Thirty-five hours in Geology including the following required courses: 101-102, 111-112, 151, 201-202, 203, 204 and 252. Chemistry through Qualitative Chemistry (normally Chemistry 101-102, 111-112 and 203). Mathematics through Plane Analytic Geometry (normally 101-102 and 201 or 107-108. The latter is preferred). Physics 201-202. At least six hours from the following courses in Industrial Technology, chosen in consultation with the Head of the Geology Department, 101, 102, 253. Philosophy 201. Speech 101 or 103.

Satisfy the general requirements for the Natural Science Division, including Great Issues and the Natural Science Seminar. The new requirements in Math, Speech and Philosophy and the 35 hours in Geology are to start with the entering students in the summer or fall of 1959.

It is strongly suggested that the following program be followed by those majoring in Geology. This program is set up in an effort to have these courses taken at the most opportune time consistent with the Geology major.

Only those required courses outside of the Geology courses, except for Geology 101, 111, 102 and 112, are listed.

FIRST YEAR

Geology 101, 111, 102, 112.
English 101-102.
Chemistry 101, 111, 102, 112.
Physical Education 101-102.
Math. 101-102 or 107-108.
Industrial Technology 101-141.

SECOND YEAR

English 201-202 or 203-204.
Physics 201-202 or Chem. 203.
Physical Education 201-202.
Industrial Technology 252.
Bible 101-102.
Math. 203.

The third year the Social Science and the Language (German) should be taken along with the Physics 201-202 or Chemistry 203 not taken in the second year.

General Education 401 and 402 to be taken in the fourth year. If possible a summer field camp should be taken, between the Junior and Senior year will be the best time.

COURSES—GEOGRAPHY

205. HUMAN GEOGRAPHY. 3 hours.

The earth's surface from the standpoint of its physical and cultural or human use regions; emphasis on the distribution of people and on man's changing relations with his habitat.

206. GEOGRAPHY OF NORTH AMERICA. 3 hours.

The geographical description of the area as a whole, followed by the study of the natural regions of each country separately and as a part of the whole. A discussion of the human use of various natural regions in the past and the prospect of their future use.

COURSES—GEOLOGY

101-102. GENERAL GEOLOGY. 3-0-3 hours.

Introduction lecture course covering physical geology the first semester and historical geology the second semester. Prerequisite to all other courses in the department. (Geology 101, or an equivalent course in elementary physical geology must be taken and credit obtained before any other geology course may be taken.)

111-112. GENERAL GEOLOGY LAB. 0-3-1 hours.

Common rocks and minerals plus topographic maps the first semester. Fossils and geologic maps the second semester.

151. REGIONAL GEOLOGY. 3-0-3 hours.

A brief outline of the geology of the United States by the application of basic geologic principles and with an introduction to its geomorphology.

201-202. PALEONTOLOGY. 2-3-3 hours.

An introduction to the study of structure, mode of life, distribution, and development of the living forms of past ages.

203. STRUCTURAL GEOLOGY. 2-3-3 hours.

A study of the mechanics of folding and faulting, and other structural features, their geologic effects, and the solution of structural problems.

204. MINERALOGY. 2-3-3 hours.

A description of the common minerals of the earth's crust, with identification by Physio-Chemical means.

233. PROBLEMS IN STRUCTURAL GEOLOGY. 1-2-2 hours.

The application and solution of graphic problems in structural geology as related to studies in petroleum geology. (Prerequisite Geol. 203.)

251. ECONOMIC GEOLOGY. 3-0-3 hours.

The genesis of ores and the structure and stratigraphy of mineral-producing ores, and the economic aspect of mineral deposits.

252. ELEMENTARY PETROLOGY. 2-3-3 hours.

The description and identification of the common rocks in the crust of the earth and a study of the theories of origin for the different types of rocks.

301. GEOLOGY OF PETROLEUM. 3-0-3 hours.

A course devoted to the study of the origin, migration, and accumulation of petroleum and a study of the oil and gas fields of the U. S. in general.

302. GEOLOGY OF THE ARK-LA-TEX OIL AND GAS FIELDS. 3-0-3 hours.

A detailed study of the various oil and gas fields of the Ark-La-Tex.

303. WELL LOGGING. 3-0-3 hours.

A study of the various methods of well-logging and their application to the general field of geology.

304. SUBSURFACE PETROLOGY. 1-6-3 hours.

The microscopic examination of well cuttings and cores, and the application of this acquired data to problems of correlation and stratigraphy.

321. SEDIMENTATION. 3-0-3 hours.

A discussion and study of the origin and environments of origin of sediments and their lithification.

322. PRINCIPLES OF STRATIGRAPHY. 3-0-3 hours.

The principles underlying the study of the stratigraphic units of the earth's crust throughout geologic time.

370. INTRODUCTION TO ELECTRIC WELL LOGGING. 3-0-3 hours.

An elementary course in the review, interpretation, and evaluation of electrical well logs.

402. STRATIGRAPHY OF THE ARK-LA-TEX AREA. 3-0-3 hours.

A detailed study of all of the stratigraphic units in the Ark-La-Tex area, with emphasis on those of economic importance.

405. INTRODUCTION TO GEOPHYSICAL PROSPECTING. 3-0-3 hours.

Prerequisites: Mathematics 101, 102, or equivalent; Physics 101, 102; Senior standing.

An introduction to the various methods of geophysical prospecting for petroleum products: Includes the study of magnetic, gravitational, seismic, electrical and other methods.

406. GEOPHYSICAL CASE HISTORIES. 3-0-3 hours.

A study of selected fields which best show the results of application of Geophysical Methods in their discovery or development.

421-422. INTRODUCTION TO MICROPALEONTOLOGY. 1-6-3 hours.

A study and identification of some of the important microfossils of the geologic column and methods of applying this data.

440. GEOLOGY SEMINAR. 1-0-1 hours.

Discussion groups on general phases of the whole field of Geology and upon the history of Science as a whole and Geology in particular.

HEALTH AND PHYSICAL EDUCATION

The Department of Health and Physical Education offers courses and services in four areas:

1. A program of physical activities for all able bodied students. This service constitutes a part of the required program, and includes conditioning exercises, vigorous individual and team sports, gym-

nastics, apparatus work, combatives, rhythmic activities and swimming.

2. A program for handicapped students adapted to the individual's physical condition.
The student's condition is determined by a medical examination and frequently activities are assigned upon the recommendation of the physician.
3. A professional program for the preparation of teachers of health and physical education, athletic coaches, and workers in church, community and industrial recreation.
4. A program of intramural sports designed to give opportunity for competitive experience in athletics. Competition is offered in both individual and team sports.

ACTIVITY COURSES:

101, 102. ACTIVITIES FOR MEN (Freshmen). 1 hour.

201, 202. ACTIVITIES FOR MEN (Sophomores). 1 hour.

115, 116. ACTIVITIES FOR WOMEN (Freshmen). 1 hour.

215, 216. ACTIVITIES FOR WOMEN (Sophomores). 1 hour.

Satisfactory completion of four semester hours of courses listed above meets the minimum requirement in Health and Physical Education for all degrees.

MAJOR:

MEN:

- A. Thirty-six semester hours of course work in the Department of Health and Physical Education including 221, 222, 223, 224, 321, 323, 325 or 326, 334, 342, 424.
- B. Twelve hours of Biological Science taken from Biology 103-104, 113-114, 105-106. Must include four hours from Biology 217.
- C. Four hours of Education 422.

WOMEN:

- A. Thirty-five semester hours of course work in the Department of Health and Physical Education including 221, 222, 223, 225, 321, 332 or 333, 334, 341, 342, 423, 424.
- B. Twelve hours of Biological Science taken from Biology 103-104, 113-114, 105-106. Must include four hours from Biology 217.
- C. Four semester hours of Education 442.

COURSES—THEORY

221. FIRST AID. 2 hours.

Designed to develop competence in rendering immediate and temporary aid to a victim of an accident or sudden illness. Theoretical and practical approach. Covers both standard and advanced courses of the American National Red Cross with certificates granted for satisfactory work. Meets three hours each week.

222. TECHNIQUES IN STUNTS AND TUMBLING. 2 hours.

Instruction in techniques and practice in teaching of stunts and tumbling. Safety factors stressed.

223. HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION. 3 hours.

Prerequisite: Sophomore Standing.

An introduction course designed to acquaint students with the biological, psychological and sociological foundations of physical education, and to provide them with historical reference sufficient for intelligent interpretation and evaluation of current practices in the field.

224. TECHNIQUES OF ATHLETIC CONDITIONING AND TRAINING. 3 hours.

Prerequisite: Sophomore Standing.

A study of the relationship between physical condition and successful participation in sports activities. Emphasis is given to the selection and administration of exercises, with due regard for the safety and welfare of those concerned, and to the care and treatment of athletic injuries.

225. INTRAMURAL SPORTS TECHNIQUES. 3 hours.

Prerequisite: Sophomore Standing.

A study of the methods commonly used in organizing and administering a program of intramural sports in public schools. Emphasis is given to classification for competition, rules and regulations, league play, statistics, arrangements, and officiating.

229. SAFETY EDUCATION. 2 hours.

A study of accidents in the home, in school, in traffic, and in industry. Emphasis is given to methods of prevention and to problems of public education.

239. MATERIALS AND METHODS OF PHYSICAL EDUCATION FOR THE ELEMENTARY GRADES. 2 hours.

Basic materials in games, stunts, self-testing activities, calisthenics and rhythms. Emphasis is placed upon procedures for presentation of activities in the elementary school.

321. PERSONAL AND COMMUNITY HEALTH. 3 hours.

Prerequisite: Sophomore Standing.

A study of factors influencing and determining personal health, and an introduction to methods used in preventing disease in individuals and in communities.

323. KINESIOLOGY. 3 hours.

Prerequisite: Junior Standing and Biology 117.

A study of the factors influencing bodily movement. Consideration is given to the mechanical and physiological action of joints and muscles.

325. TECHNIQUES OF COACHING FOOTBALL AND BASKETBALL. 3 hours.

Prerequisite: Junior Standing.

326. TECHNIQUES OF COACHING BASEBALL AND TRACK. 3 hours.

Prerequisite: Junior Standing.

330. TESTS AND MEASUREMENTS. 3 hours.

Prerequisite: Junior Standing.

A study of tests designed to measure health, physical fitness, strength, motor ability, game skills, and use of the results of the tests.

332. SWIMMING TECHNIQUES. 2 hours.

A course designed to develop basic skills in swimming as well as the ability to aid others in distress in water. Senior life saving and water safety instructor certificates by the American National Red Cross may be obtained.

333. FUNDAMENTAL RHYTHMS. 2 hours.

Analytical and practical study of basic body movements and their application to a program of rhythms and dance.

334. FOLK AND SQUARE DANCE TECHNIQUES. 2 hours.
Theory and practice of folk and square dance. A bibliography of materials and music given. Instruction in teaching and calling dances.
341. THEORY AND PRACTICE OF TEAM SPORTS FOR WOMEN. 3 hours.
Prerequisite: Junior Standing.
Analysis of techniques, progression in presentation, practice, lead-up activities, and knowledge of official rules.
342. THEORY AND PRACTICE OF INDIVIDUAL SPORTS. 3 hours.
Prerequisite: Junior Standing.
A theoretical and practical study of skills adapted for use in secondary schools.
423. ADMINISTRATION OF HEALTH AND PHYSICAL EDUCATION. 3 hours.
Prerequisite: Junior Standing.
A study of principles underlying the organization and administration of programs of health and physical education in modern schools.
424. SCHOOL HEALTH. 3 hours.
A study of health problems of school children; detection and correction of defects; prevention and control of communicable diseases. Environmental health factors are considered.
428. METHODS IN TEACHING PHYSICAL EDUCATION. 3 hours.
Prerequisite: Junior Standing.
A course designed for prospective high school teachers of health and physical education.
431. ADMINISTRATION OF SCHOOL AND COMMUNITY RECREATION.
3 hours.
Prerequisite: Junior Standing.
A study of functions of recreation in society. Emphasis is given to organization and financing of recreation programs in communities, schools, and industrial plants.

HISTORY AND GOVERNMENT

The courses offered by the Department of History and Government are designed to serve the following purposes: first, to make an essential contribution to a liberal arts education by providing the general student with a comprehensive and integrated knowledge of man's history; second, to provide the training necessary for more advanced study in history and political science; third, to provide the practical knowledge of historical and political developments which is an essential part of the preparation of those students expecting to enter the professions of law, government service, politics, and business.

MAJOR IN HISTORY: Twenty-four semester hours in History and History 441, six hours in Economics, six hours in Government, and six hours in a related subject approved by the major adviser.

Students majoring in history are expected to offer either French or German in fulfillment of the foreign language requirement unless otherwise specified by the major adviser.

MAJOR IN GOVERNMENT: See Department Head.

COURSES—HISTORY

101, 102. SURVEY OF EUROPEAN HISTORY. 3 hours.

A rapid survey for Freshman students who wish to familiarize themselves with the background of present day Europe.

201, 202. HISTORY OF ENGLAND AND GREAT BRITAIN. 3 hours.

Prerequisite: Sophomore Standing.

A general survey of the history of England and the British Empire to the present time.

203-204. CIVILIZATION PAST AND PRESENT. 3 hours.

The first semester is intended as a basic course, to give perspective; to trace the development of political, economic, social, religious, and cultural institutions and ideas. All phases of man's accomplishments are related to his history from the earliest beginnings to the end of the Middle Ages. The second semester continues the story of man's development from the Middle Ages until the present; to show how modern civilization with its present-day problems and conditions has evolved.

205, 206. SURVEY OF AMERICAN HISTORY. 3 hours.

A comprehensive survey of the major developments in American History from the Colonial period to the present.

207. HISTORY IN LOUISIANA. 3 hours.

Prerequisite: Sophomore Standing.

A rapid survey of French and Spanish colonization; development of the state politically, socially, and economically, to the present time.

209, 210. HISTORY OF FAR EAST. 3 hours.

Prerequisite: Sophomore Standing.

A survey of the history of China, Japan, Southeast Asia and India, with emphasis on philosophy, religion, and socio-economic problems. The second half deals with the changing Far East during the past century.

211. HISTORY OF CHINA AND JAPAN IN MODERN TIMES. 3 hours.

Prerequisite: Sophomore Standing.

Development of the past century beginning with the "opening" of China and Japan. Modernization, revolutions, the two world wars and contemporary problems will be discussed.

303, 304. HISTORY OF RUSSIA. 3 hours.

This course is offered in recognition of the emergence of Russia as a world power, and is designed to acquaint the student with the essential facts in Russian history. The first semester deals with the birth of the Russian state (860) to the Russian Revolution of 1917. The second semester is a detailed study of Russia under soviet rule from the Revolution of 1917 to the present.

309. MODERN EUROPEAN HISTORY. 3 hours.

Prerequisite: Junior Standing.

A survey of Europe from 1815 to 1914. It includes such topics as the Age of Liberalism, Unification of Germany and Italy, and the Age of Imperialism.

312. HISTORY OF THE ANTI-BELLUM SOUTH. 3 hours.

Prerequisite: Junior Standing.

Social and economic characteristics of the deep South, with emphasis on the plantation system. Field trips are made to adjacent areas.

313, 314. CONTEMPORARY EUROPE SINCE 1914. 3 hours.

Prerequisite: Junior Standing.

A survey of Europe since 1914, considering two World Wars, events leading to World War II, and problems created by the Atomic Age.

321, 322. AMERICAN INTELLECTUAL HISTORY. 3 hours.

Prerequisite: Junior Standing.

The evolution of American intellectual and cultural life from colonial times to the present, as expressed in political and economic thought, theology, philosophy, and literature, with reference to the interaction between ideas and social structures.

341, 342. HISTORY OF THE AMERICAS. 3 hours.

Prerequisite: Junior Standing.

The first semester deals with Pre-Columbian Civilization of North and South America. The English, French, and Spanish Colonization compared. Economic, social, cultural, and political ties of the two sections compared through the period of Spanish Revolutions. The second semester deals with the inter-relationship of the two American continents. Common and contrasting problems and interests of each.

343. HISTORY OF SOUTHEAST ASIA. 3 hours.

Prerequisite: Junior Standing.

A survey history of this strategic area from its ancient beginnings to the present time.

344. THE FAR EAST SINCE 1945. 3 hours.

Prerequisite: Junior Standing.

An intensive course on the new Far East that emerged from World War II with emphasis on nationalism, communism, and the changing relations between East and West.

441. SEMINAR IN AMERICAN HISTORY AND THE ELEMENTS OF RESEARCH. 3 hours.

Prerequisite: History Major with Junior Standing. (Offered in fall semester of odd years.)

A survey of the Greek and other schools of historical scholarship in the Western World, culminating in a study of a selected group of American historians, forms and methods of research applied in a term paper.

COURSES—GOVERNMENT

201. AMERICAN GOVERNMENT. 3 hours.

Prerequisite: Sophomore Standing.

Constitutional principles and agencies of the federal government and their relationships to the states and individual civil rights, citizenship, political parties; conduct of foreign relations and the government of our foreign possessions.

202. THE GOVERNMENT OF EUROPE. 3 hours.

Prerequisite: Sophomore Standing.

Comparative study of cabinet systems of government with emphasis on the development of England, and the theories and functioning of political communism, fascism and nazism in Europe, including post war developments.

205. POLITICAL THEORY. 3 hours.

Prerequisite: Sophomore Standing.

An introductory study of the writings of a select group of political thinkers from Plato to the present.

206, 207. INTERNATIONAL RELATIONS. 3 hours.

Prerequisite: Sophomore Standing.

A survey of current world problems, with emphasis upon world organizations, power politics, international law, geopolitics, and peace organizations.

210. STATE AND MUNICIPAL GOVERNMENT. 3 hours.

Prerequisite: Sophomore Standing.

A survey of problems, functions, and weakness in state and municipal governments with emphasis upon political machines, types of municipal government, local planning, and study of government in Louisiana.

303. CONSTITUTIONAL HISTORY OF THE UNITED STATES. 3 hours.

Prerequisite: Junior Standing.

A study of the development of Constitutional principles and practices in American History.

304. LEADING CASES IN CONSTITUTIONAL HISTORY. 3 hours.

Prerequisite: Junior Standing.

Study and analysis of the most important decisions of the United States Supreme Court.

309, 310. HISTORY OF AMERICAN FOREIGN RELATIONS. 3 hours.

Prerequisite: Junior Standing. (May be counted as history credit.)

A diplomatic history of the American people, with emphasis on the influence of public opinion in determining foreign policy.

311. POLITICAL PARTIES. 3 hours.

Prerequisite: Sophomore Standing.

A survey of the history, functions, and weaknesses of the political party system in the United States.

312. GOVERNMENTS OF THE FAR EAST. 3 hours.

Prerequisite: Junior Standing.

Governments of major Far Eastern countries, their institutional developments and theoretical bases.

441, 442. LOUISIANA LAW. 5 hours.

Louisiana Law is a course of study designed to prepare interested persons for the Louisiana State Bar Examination. Because of a recent interpretation by the Supreme Court of Louisiana, only those who have entered the course in Law prior to October 5, 1959, will be eligible to take the State Bar Examination at the completion of the course. The complete course in Law will be available only to those who began the course prior to October 15, 1959. The subjects required for the examinations are offered on a rotating basis whereby the student may enter at the beginning of any regular semester and complete the state requirements four years from the date of entrance (before October 15, 1959). Two subjects are taught each semester until the complete requirements are met. Not more than 10 hours credit in Louisiana Law will be allowed toward a baccalaureate degree.

Students who take the Louisiana State Bar Examination after October, 1956, will be required to have ninety-six hours of college credit exclusive of the credits gained in Louisiana Law. This ninety-six semester hours of work is equal to three years of college work and must satisfy the requirements for admission to an approved high school.

CURRICULUM IN LOUISIANA LAW

FIRST YEAR:

Torts (2½ hours, first semester)

Federal Jurisdiction and Procedure (2½ hours, first semester)

Conflict (2½ hours, second semester)

Evidence (2½ hours, second semester)

SECOND YEAR:

Mortgages and Privileges (2½ hours, first semester)

Partnership and Agency (2½ hours, first semester)

Corporation and Agency (2½ hours, second semester)

Criminal Law and Procedure (2½ hours, second semester)

THIRD YEAR:

- Code of Practice (5 hours, first semester)
- Succession ($\frac{1}{2}$ hour, first semester)
- Property (5 hours, second semester)
- Family (5 hours, second semester)

FOURTH YEAR:

- Contracts and Sales ($2\frac{1}{2}$ hours, first semester)
- Donations and Wills ($2\frac{1}{2}$ hours, first semester)
- Constitutional Law ($2\frac{1}{2}$ hours, second semester)
- Bills and Notes ($2\frac{1}{2}$ hours, second semester)

MATHEMATICS

The Department of Mathematics aims to contribute to the student's liberal education by showing the role which Mathematics has played and is playing in the development of civilization.

It aims particularly to give fundamental training to students in the Natural Sciences and in Engineering, and also to those in Economics and Commerce, and to provide the foundation needed for graduate study.

It is recommended that the two units of college preparatory mathematics indicated for admission should include topics selected from algebra, geometry (demonstrative and analytic), and statistical inference. Emphasis should be placed upon basic concepts and upon the principles of deductive reasoning regardless of the branch of mathematics from which the topic is chosen. Courses designed for other purposes (e.. g., consumer mathematics, business mathematics, shop mathematics) are not acceptable.

MAJOR: Students may receive either a B.A. or B.S. degree with major in Mathematics. For either degree a minimum of twenty-four semester hours, in courses numbered 201 or higher, is required, including 303, 402, and either 401, 404, or 406. The basic requirement of eight hours of laboratory Science (Biology, Chemistry, Physics, or Geology) must be satisfied. For a minor a student majoring in Mathematics must have two years in a second department, preferably Physics, Philosophy, Chemistry, or Economics.

COURSES:

101. ALGEBRA AND PLANE TRIGONOMETRY. 3 hours.

Introduction to set theory. Logical development of number system. The notions of variable and function (algebraic, trigonometric, exponential, logarithmic) and their geometric representation. Inverse functions. Equations and identities.

104. MATHEMATICS OF FINANCE. 3 hours.

(Open for credit to Commerce majors only.)

Application of the theory of compound interest, annuities, amortization of debts, the evaluation of bonds, the accumulation of funds in building and loan associations, depreciation, and the elements of legal reserve life insurance.

105. INTRODUCTION TO FINITE MATHEMATICS. 3 hours.
Statement logic. Elementary theory of sets. Counting problems and probability theory. Vectors and matrices. Applications.
106. ANALYTIC GEOMETRY AND CALCULUS I. 3 hours.
Coordinate systems, straight lines, functions, and graphs. Derivatives and integrals of polynomials and trigonometric functions.
201. ANALYTIC GEOMETRY AND CALCULUS II. 3 hours.
Prerequisite: Mathematics 106.
Applications of differentiation and integration. Derivatives and integrals of logarithmic and exponential functions. Hyperbolic functions. Geometric and physical applications.
202. ANALYTIC GEOMETRY AND CALCULUS III. 3 hours.
Prerequisite: Mathematics 201.
Second degree curves. Polar coordinates. Vectors, parametric equations, partial derivatives.
205. MATHEMATICS AND LOGIC FOR DIGITAL COMPUTERS. 3 hours.
(Evening school only. Not acceptable as part of the twenty-four hours of the Major.)
Permutations and combinations, probability, number systems, traditional logic, Boolean algebra of classes, Boolean algebra of propositions, applications to switching circuits.
303. ANALYTICAL GEOMETRY AND CALCULUS IV. 3 hours.
Prerequisite: Mathematics 202.
Surfaces and space curves. Multiple integrals. Introduction to infinite series.
304. SEMINAR FOR TEACHERS OF SECONDARY MATHEMATICS. 1-3 hours.
Course dealing with topics in algebra, Euclidean geometry, analytic geometry, non-Euclidean geometry, and in their presentation to high school students.
305. MATHEMATICAL STATISTICS. 3 hours.
Prerequisite: Mathematics 201.
Probability, sample spaces. Mathematical models, testing hypotheses. Empirical and theoretical frequency functions. Correlation and regression. Testing goodness of fit.
306. MODERN ALGEBRA I. 3 hours.
Prerequisite: Mathematics 201.
Brief survey of some linear algebras. Particular emphasis on theory of matrices. Vectors. Transformations.
- 307-308. SEMINAR FOR TEACHERS OF ELEMENTARY MATHEMATICS. 2 hours.
Course dealing with topics in number theory, set theory, number bases, structure of the number system, history of mathematics.
401. MODERN ALGEBRA II. 3 hours.
Prerequisite: Mathematics 306.
Fields, groups, rings, ideals. Boolean algebra. Galois theory.
402. DIFFERENTIAL EQUATIONS. 3 hours.
Prerequisite: Mathematics 303.
Common types of ordinary differential equations, especially of the first and second order. Problems which lead to differential equations and the standard method of their solution.

404. VECTOR ANALYSIS. 3 hours.

Prerequisite: Mathematics 303.

A basic course in vectors. Topics include vector and scalar products, vector equations and vector calculus. Applications are taken from differential geometry and physics. Special treatment is given to curvature, torsion, and Gaussian curvature.

406. ADVANCED CALCULUS. 3 hours.

A rigorous treatment of partial differentiation, power series, the definite integral, line and surface integrals, and some related topics.

408. INDEPENDENT STUDY IN MATHEMATICS. 1-3 hours.

Open to advanced students in mathematics with the consent of the instructor. One hour conference per week. Library and research work pertinent to the area of study selected. A written thesis is required.

SCHOOL OF MUSIC

The School of Music is a member of the National Association of Schools of Music. The requirements for entrance and for graduation as set forth in this catalog are in accordance with the published regulations of the National Association of Schools of Music. It accordingly offers the degree of Bachelor of Music in Applied Music or in Music Education or the degree of Bachelor of Arts with a major in Applied Music.

ADMISSION

Requirements for admission for the Degree of Bachelor of Music are the same as for admission to candidacy for other degrees. Graduation from high school and 15 units are required. In addition the student is required to pass an examination in applied music to determine preparation for college grade work.

Special students are admitted without reference to entrance requirements, but no credit toward a degree is allowed until the entrance requirements have been fully met.

ADVANCED STANDING

Candidates for the degree of Bachelor of Music who desire advanced standing must present a complete transcript of the work done, not only in their major field but also in all college work completed. All applicants for advanced standing will be examined in their major instrument and in music theory.

COURSES OF STUDY

PUBLIC SCHOOL MUSIC

The course in Public School Music is designed to meet the requirements for teacher certification in the public school systems of Louisiana, Arkansas and Texas. Students should confer with the Director of the School of Music concerning the requirements in the various states.

APPLIED MUSIC

One half-hour lesson per week in Piano, Voice, Organ, or any orchestral instrument, together with six hours of practice (average 1 hour per day), represent one semester credit in applied music. Two half-hour lessons per week, together with 18 hours of practice (average 3 hours per day), represent three semester hour credits.

PIANO

The course is so arranged as to meet the needs of students whose major interests lie in public performance, or in the study of the instrument as an accompaniment to the voice, violin, violoncello, etc., or as a necessary asset in theory, public school music, or organ.

REED AND BRASS INSTRUMENTS

Instruction is provided in all the instruments of the orchestra and band.

STRINGED INSTRUMENTS

Violin, Viola, Cello and String Bass courses are offered which not only develop the ability of the student as a soloist but also in ensemble playing.

ORGAN

The course is designed to meet the needs of students whose interest lies in church organ work. Those majoring in organ must demonstrate proficiency on the piano equivalent to the requirements of the freshman piano examinations as a pre-requisite to admission to this course.

VOICE

The instruction in individual lessons is adapted to the ability and previous training of the student. The course, primarily planned for adult beginners, is designed to develop principles of tone production, correct diction, breathing, etc. It includes a study of repertoire of general song literature, arias from opera and oratorio in English and in foreign languages.

PRACTICE

Practice pianos and organs are available at the Music Hall.

ENSEMBLES

Ample opportunity is provided for ensemble work, an essential phase of musical development. While all students of applied music are required to enroll for these groups and to participate in public performances, those from other departments of the college are encouraged to take part in them also.

The choral and instrumental ensembles have frequent opportunities for public performance.

BACHELOR OF ARTS DEGREE

Major in Music

Twenty-eight semester hours in Theory.

Eighteen semester hours in applied music.

Music 143-144.
 Music 441-442.
 Present a half-hour recital of representative compositions.
 Meet A.B. requirements.
 No minor required.

BACHELOR OF MUSIC DEGREE

Music Education Major

FRESHMAN:

Major Applied, 181-182	3-3
Theory, 111-112	3-3
Keyboard Harmony, 113-114	1-1
Introduction to Music	
History & Literature, 141-142..	2-2
Ensemble (Band,	
Orchestra, Choir)	0
Piano, 171-172	1-1
English, 101-102	3-3
Math	3-3
Physical Education	1-1

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JUNIOR:

Major Applied, 381-382	3-3
Music Education, 321-323	2-2
Music History, 341-342	3-3
Minor Instrument, 331-333	2-2
Ensemble	0
Psychology, 206	3
Psychology, 302	3
History	6
Orchestration, 411-412	2-2
Conducting, 325-326 or 327-328..	1-1

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SOPHOMORE:

Major Applied, 281-282	3-3
Theory, 211-212	3-3
Keyboard Harmony, 213-214	1-1
Form & Analysis, 215-216	3-3
Ensemble	0
Piano, 271-272	1-1
English	3-3
Science	4
Physical Education	1-1

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SENIOR:

Methods, 435-436,	
437-438 or 439-440	2-2
Practice Teaching, 421-422	
or 423-424	2-2
Ensemble	2
Minor Instrument, 335-337	2-2
Education, 102	3
Social Studies	3
Religion	6
Science	8
General Education, 402	4

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Minor Instruments to include Brass, Strings, Woodwinds and Percussion.

Applied Music for the Bachelor of Music Degree in Music Education in band and orchestra must include 18 semester hours representative of string, woodwind, brass, percussion and 4 hours of piano. The remaining 6 hours must be divided equally between instruments of the other two sections in the band or orchestra.

Applied Music for the Bachelor of Music Degree in Music Education in vocal music must include 18 hours of voice and 12 hours of keyboard instrument.

The above curricula qualify the student for a certificate in vocal or instrumental music. Students desiring a combined vocal and instrumental certificate must take an additional twenty hours of applied music outside their major field and four more hours of appropriate methods. This necessitates either a fifth year of study or summer work.

BACHELOR OF MUSIC DEGREE

Keyboard Major

FRESHMAN:

Major Instrument, 181-182	3-3
Music Theory, 111-112	3-3
Keyboard Harmony, 113-114	1-1
Introduction to Music	
History & Literature, 141-142..	2-2
Ensemble (Band,	
Orchestra, Choir)	2
English, 101-102	3-3
Physical Education	2
Elective	3

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SOPHOMORE:

Major Instrument, 281-282	3-3
Music Theory, 211-212	3-3
Keyboard Harmony, 213-214	1-1
Form & Analysis, 215-216	3-3
Ensemble (Band,	
Orchestra, Choir)	2
English	6
Physical Education	2

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JUNIOR:

Major Instrument, 381-382	3-3
Counterpoint, 311-312	2-2
Music History, 341-342	3-3
Chamber Music, 157-158	1-1
Conducting, 325-326 or 327-328..	1-1
Religion	6
Academic Electives	6

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SENIOR:

Major Instrument, 481-482	3-3
Music History, 441-442	3-3
Contemporary Music, 415-416 ...	2-2
Piano or Organ	
Teaching Methods, 433-434 ...	2-2
Piano or Organ	
Literature, 461-462 or 463-464..	2-2
General Education, 402	3
Academic Electives	6

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Junior Recital—30 minutes and Senior Recital—1 hour.

Organ Majors of Junior standing will take accompanying and improvisation as part of electives.

Pianists may take either choral or orchestral conducting. Organists should take choral conducting.

Organ students will be required to demonstrate sufficient proficiency at the piano before beginning the study of the organ. Organ majors will continue to study piano until they meet with the approval of the faculty.

BACHELOR OF MUSIC DEGREE

Instrumental Major (other than keyboard)

FRESHMAN:

Major Instrument, 181-182	3-3
Piano, 171-172	1-1
Music Theory, 111-112	3-3
Keyboard Harmony, 113-114	1-1
Introduction to Music	
History & Literature, 141-142..	2-2
Ensemble (Band or Orchestra) ..	1-1
English, 101-102	3-3
Physical Education	1-1

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SOPHOMORE:

Major Instrument, 281-282	3-3
Piano, 271-272	1-1
Music Theory, 211-212	3-3
Keyboard Harmony, 213-214	1-1
Form & Analysis, 215-216	3-3
Ensemble (Band or Orchestra) ..	1-1
English	6
Physical Education	1-1

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JUNIOR:

Major Instrument, 381-382	3-3
Counterpoint, 311-312	2-2
Music History, 341-342	3-3
Chamber Music, 157-158	1-1
Orchestra Conducting, 325-326 ..	1-1
Religion	6
Academic Electives	6
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	32

SENIOR:

Major Instrument, 481-482	3-3
Music History, 441-442	3-3
Orchestration, 411-412	2-2
Band or Orchestra	
Methods, 437-438 or 439-440 ..	2-2
General Education, 402	3
Academic Electives	8
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	31

If Piano Proficiency exam is not passed at end of 4 semesters, additional piano must be taken.

Junior Recital—30 minutes and Senior Recital—1 hour.

String Majors will take Music 467-468, String Literature, in the senior year as part of electives.

BACHELOR OF MUSIC DEGREE

Voice Major

FRESHMAN:

Voice, 181-182	3-3
Piano, 171-172	1-1
Music Theory, 111-112	3-3
Keyboard Harmony, 113-114	1-1
Introduction to Music	
History & Literature, 141-142..	2-2
Ensemble (Choir)	1-1
English, 101-102	3-3
Physical Education	1-1
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	30

SOPHOMORE:

Voice, 281-282	3-3
Piano, 271-272	1-1
Music Theory, 211-212	3-3
Keyboard Harmony, 213-214	1-1
Form & Analysis, 215-216	3-3
Ensemble (Choir)	1-1
English	3-3
Physical Education	2
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	32

JUNIOR:

Voice, 381-382	3-3
Counterpoint, 311-312	2-2
Music History, 341-342	3-3
Choral Conducting, 327-328	1-1
Foreign Language	8
Religion	6
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	32

SENIOR:

Voice, 481-482	3-3
Music History, 441-442	3-3
Voice Teaching	
Methods, 435-436	2-2
Vocal Literature, 465-466	2-2
Foreign Language	3-3
General Education, 402	3
Academic Electives	3
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	32

If Piano proficiency exam is not passed at end of 4 semesters, additional piano must be taken.

Junior Recital—30 minutes and Senoir Recital—1 hour.

BACHELOR OF MUSIC DEGREE

Music Theory and Composition Majors

FRESHMAN:

Piano, 181-182	3-3
Music Theory, 111-112	3-3
Keyboard Harmony, 113-114	1-1
Introduction to Music	
History & Literature, 141-142..	2-2
Minor Instrument, 171-172	1-1
Ensemble (Band,	
Orchestra, Choir)	2
English, 101-102	3-3
Physical Education	2

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30

SOPHOMORE:

Piano, 281-282	3-3
Music Theory, 211-212	3-3
Keyboard Harmony, 213-214	1-1
Form & Analysis, 215-216	3-3
Minor Instrument	1-1
Ensemble (Band,	
Orchestra, Choir)	2
English	3-3
Physical Education	2

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32

JUNIOR:

Counterpoint, 311-312	2-2
Composition, 313-314	2-2
Music History, 341-342	3-3
Chamber Music, 157-158	1-1
Minor Instrument, 331-333	2-2
Conducting, 325-326 or 327-328..	1-1
Religion	3-3
German or French	8

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SENIOR:

Advanced Composition, 413-414..	2-2
Music History, 441-442	3-3
Contemporary Music, 415-416 ..	2-2
Orchestration, 411-412	2-2
Minor Instrument, 335-337	2-2
German or French	6
General Education, 402	3

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Minor Instruments include Brass, Strings, Woodwinds and Percussion.

Senior Thesis Composition in large form must be approved by faculty and performed in public.

Theory and Composition Majors must demonstrate proficiency in at least one instrument.

COURSES:

THEORY OF MUSIC

011-012. FUNDAMENTALS OF MUSIC. No Credit.

For students who do not meet entrance requirements for music theory.

111-112. MUSIC THEORY. 3 hours. Meets four times weekly.

Ear training, sight singing, dictation, part-writing and analysis.

113-114. KEYBOARD HARMONY. 1 hour. Meets twice weekly.

Practical application of principles studied in music theory. Must be taken with Music 111-112.

211-212. MUSIC THEORY. 3 hours. Meets four times weekly.

Continuation of Music 111-112.

213-214. KEYBOARD HARMONY. 1 hour. Meets twice weekly.

Continuation of Music 113-114. Must be taken with Music 211-212.

215-216. FORM AND ANALYSIS. 3 hours.

The elements of musical form and harmonic analysis of standard works.

- 311-312. COUNTERPOINT. 2 hours.
Prerequisite: Music 211-212.
A study of the polyphonic writing of the 18th century.
- 313-314. COMPOSITION. 2 hours.
Prerequisite: Music 211-212.
Writing in the smaller forms.
- 315-316. ACCOMPANYING AND IMPROVISATION. 2 hours.
Required for organ majors of junior standing.
- 411-412. ORCHESTRATION. 2 hours.
Instrumentation, scoring for orchestra, and analysis of orchestral scores.
- 413-414. ADVANCED COMPOSITION. 2 hours.
Prerequisite: Music 313-314.
Writing in the larger forms. Offered on demand.
- 415-416. CONTEMPORARY MUSIC. 2 hours.
Prerequisite: Music 215-216.
Analysis of styles and techniques beginning with impressionism.

PUBLIC SCHOOL MUSIC

- 121-122. MUSIC EDUCATION. 3 hours.
Theory of music and elementary music teaching methods for the general classroom teacher. For non-music majors.
321. MUSIC EDUCATION. 2 hours.
Methods of teaching music in the elementary grades.
323. MUSIC EDUCATION. 2 hours.
Methods of teaching music in the junior and senior high schools.
- 325-326. CONDUCTING. BAND AND ORCHESTRA. 1 hour.
- 327-328. CONDUCTING. CHORAL. 1 hour.
Choral conducting for both school and church musicians.
331. PERCUSSION METHODS AND MATERIALS. 2 hours.
333. STRING METHODS AND MATERIALS. 2 hours.
335. BRASS METHODS AND MATERIALS. 2 hours.
337. WOODWIND METHODS AND MATERIALS. 2 hours.
- 421-422. ELEMENTARY OBSERVATION AND PRACTICE TEACHING. 2 hours.
Prerequisite: Music 321.
- 423-424. HIGH SCHOOL OBSERVATION AND PRACTICE TEACHING. 2 hours.
Prerequisite: Music 321.

PEDAGOGY

- 431-432. ORGAN TEACHING METHODS. 2 hours.
- 433-434. PIANO TEACHING METHODS. 2 hours.
- 435-436. VOICE TEACHING METHODS. 2 hours.

437-438. **BAND METHODS.** 2 hours.

Training and management of the school band. Study of band literature.

439-440. **ORCHESTRA METHODS.** 2 hours.

Training and management of school orchestra. Study of orchestral literature.

MUSIC HISTORY AND APPRECIATION

141-142. **INTRODUCTION TO HISTORY AND LITERATURE OF MUSIC.** 2 hours.

Music Majors.

143-144. **MUSIC APPRECIATION.** 1 hour.

A cultural course for the general college student.

341-342. **MUSIC HISTORY.** 3 hours.

Music 341: Music before 1600.

Music 342: 1600-1800.

343. **HYMNOLOGY.** 2 hours.

First semester. A survey of Protestant hymns. For majors in church music and pre-ministerial students.

344. **CHURCH MUSIC.** 2 hours.

Second semester. A historical survey of religious music. For majors in church music and pre-ministerial students.

441-442. **MUSIC HISTORY.** 3 hours.

Music 441: 1800-1900.

Music 442: 1900 to the present.

ENSEMBLE

151-152. **BAND.** 1 hour.

153-154. **CHOIR.** 1 hour.

155-156. **ORCHESTRA.** 1 hour.

157-158. **CHAMBER MUSIC.** 1 hour.

REPERTOIRE AND INTERPRETATION

461-462. **PIANO LITERATURE.** 2 hours.

463-464. **ORGAN LITERATURE.** 2 hours.

465-466. **VOICE LITERATURE.** 2 hours.

467-468. **STRING LITERATURE.** 2 hours.

APPLIED MUSIC

171-172. **MINOR APPLIED INSTRUMENT.** 1 hour.

271-272. **MINOR APPLIED INSTRUMENT.** 1 hour.

371-372. **MINOR APPLIED INSTRUMENT.** 1 hour.

471-472. **MINOR APPLIED INSTRUMENT.** 1 hour.

181-182. **MAJOR APPLIED INSTRUMENT.** 3 hours.

281-282. **MAJOR APPLIED INSTRUMENT.** 3 hours.

381-382. **MAJOR APPLIED INSTRUMENT.** 3 hours.

481-482. **MAJOR APPLIED INSTRUMENT.** 3 hours.

PHILOSOPHY

COURSES:

201. LOGIC. 3 hours.

Prerequisite: Sophomore Standing.

An elementary course in the principles of reasoning and the organization of knowledge.

301. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. 3 hours.

Prerequisite: Junior Standing.

An examination of the major philosophical systems from the early Greeks to the seventeenth century.

302. HISTORY OF MODERN PHILOSOPHY. 3 hours.

Prerequisite: Junior Standing.

An examination of the major philosophical systems from the seventeenth century to the present.

304. ETHICS. 3 hours.

Prerequisite: Junior Standing.

An introduction to ethics. A survey is made of several ancient and modern philosophies of ethics. Students are led to consider, "By what principles do I attempt to do what is right and avoid doing what is wrong," with the aim of constructing each his own philosophy.

401. SOME PROBLEMS IN PHILOSOPHY. 3 hours.

Prerequisite: Philosophy 301 or 302.

An intensive study of certain types and problems of philosophy.

PHYSICS AND INDUSTRIAL TECHNOLOGY

B.S. AND A.B. DEGREES IN PHYSICS

Students who major in Physics may qualify for either the B.A. or the B.S. degree. For the B.S. degree, the student must meet requirements of the Department and the requirements for a departmental major in the Division of Natural Sciences. For the B.A. degree, the student must meet the same requirements plus twelve semester hours of modern foreign language.

MAJOR: Thirty-five semester hours in the Department of which Physics 201, 202, 301, 302, 305, 401, 402, and 431 are required. The remaining seven hours may be chosen from the 300 and 400 courses with the approval of the Department Head. Outside the Department, Mathematics through 303 and General Chemistry are required.

B.S. DEGREE IN INDUSTRIAL TECHNOLOGY

General objectives of the Industrial Technology Program are:
1. To provide technical training for those students interested in General Engineering; 2. To provide laboratory and technical experiences for teachers interested in industrial and scientific subjects taught

in the public schools; 3. To provide practical knowledge of industrial and economic materials; 4. To contribute to general education through study of skills, materials, and practices of modern industry.

The curriculum aims to give the student the necessary fundamentals in the basic science and cultural fields that are essential in the application of principles and skills in modern industry.

Basic Requirements of the Industrial Technology Degree

The candidate for the degree of B.S. in Industrial Technology must meet the requirements for the Bachelor of Science degree in the Division of Natural Sciences, including a minimum of seventy (70) credit hours in that Division. He must take the courses as outlined below and all electives must be selected with the approval of the Department Head.

Freshman Year

Course and No.—	Credit Hours
Industrial Technology 100, 101, 251	6
English 101, 102	6
Mathematics 101 or 105, 106	6
Chemistry 101, 102, 111, 112	8
Elective from Group 1	3
Physical Education	2

Sophomore Year

	Credit Hours
Industrial Technology 201, 202, or 252, 253	2 or 6
Physics 201, 202	8
Mathematics 201, 202	6
English 201, 202, or 203, 204	6
Physical Education	2

Junior Year

	Credit Hours
Physics 301, 302, or 321, 322	8 or 6
Foreign Language	8
Electives from Group 2	9 or 16
Mathematics 303	3
Electives from Group 1 or 3	6

Senior Year

	Credit Hours
Physics 401	3
Industrial Technology 404	3
General Education 401, 402	6
Electives Group 1	3
Electives from Group 2 and/or 3	18

GROUP ELECTIVES

GROUP I	GROUP II	GROUP III
Art	Biology	Business
English	Chemistry	Economics
Modern Language	Geology	Education
Philosophy	Physics	Psychology
Speech	Astronomy	History
Dramatics	Mathematics	Government
Music	Industrial Technology	Physical Education
		Sociology

PHYSICS

COURSES:

111-112. GENERAL ASTRONOMY. 3-1-3 hours.

Elective in Group 2.

A study of the earth as a body in space, the other planets, the moon, and other satellites, comets, meteorites, the solar system and its motion and analysis of light, the sun, the stars, star clusters, gaseous nebulae, the Milky Way, external galaxies, the structure of the universe.

201-202. GENERAL PHYSICS. 3-3-4 hours.

Prerequisite: Mathematics 101 or equivalent.

The fundamental concepts of statics, dynamics of rigid bodies, fluids and gases, wave motion, sound, light, electricity, and magnetism; these concepts are emphasized through the solution of problems and correlative laboratory work.

301-302. ELECTRICITY AND MAGNETISM. 3-3-4 hours.

Prerequisites: Physics 202, and Mathematics 303 or enrollment therein. A study of electrical and magnetic fields, units of electricity, circuit elements, DC and AC circuits.

305. LIGHT AND OPTICS. 3-0-3 hours.

Prerequisites: Physics 202 and Mathematics 201.

The optical and physical properties of light; reflection, refraction, interference, diffraction, analysis and interpretation of radiation.

311-312. MODERN PHYSICS. 3-0-3 hours.

Prerequisite: Physics 202 and Mathematics 303 or enrollment therein.

A treatment of topics beyond the scope of General Physics, with emphasis on recent advances in the field of X-rays, electronics, atomic and nuclear studies. Recommended for all students who desire more than one year of Physics.

313-314. MODERN PHYSICS LABORATORY. 0-3-1 hours.

Requisite: Taken in conjunction with corresponding theory courses.

A laboratory course for students who desire laboratory work with theory.

321. IONS AND IONIZING RADIATIONS. 3-0-3 hours.

Prerequisite: Physics 202 and Mathematics 303 or enrollment therein.

A treatment of the ionization of gases, properties of the ions, thermionic effects, photoelectricity, X-rays, radio-activity, and properties of the nucleus.

323. IONIZATION LABORATORY. 0-3-1 hours.

Requisite: Taken in conjunction with Physics 321.

322. ELECTRONICS AND RADIO COMMUNICATION. 3-0-3 hours.

Prerequisite: Physics 321.

Characteristics of basic vacuum tubes, semi-conductors, and their uses in basic electronic circuits, radio transmission and reception.

324. ELECTRONICS LABORATORY. 0-3-1 hours.

Requisite: Taken in conjunction with Physics 322.

Determination of tube characteristics and study of various electronic circuits.

401-402. MECHANICS AND MOTION. 3-0-3 hours.

Prerequisites: Physics 202 and Mathematics 303 or enrollment therein.

Theory and fundamental principles of the statics and dynamics of particles, rigid bodies, elastic bodies, and fluids.

412. ATOMIC PHYSICS. 3-0-3 hours.

Prerequisite: Physics 312.

Classical and modern theories of the atom, origin of radiation, radioactivity, photoelectric effect, X-rays, and spectral series.

431. HEAT AND THERMODYNAMICS. 3-0-3 hours.

Prerequisites: Physics 202 and Mathematics 303 or enrollment therein.

An introduction to the thermodynamics study of the relationships between heat and work with application to heat engines and refrigeration.

INDUSTRIAL TECHNOLOGY

COURSES:

100. ENGINEERING ORIENTATION. 1-1-1 hours.

Engineering as a profession, its attractions and professional responsibilities, the student's approach to his chosen field of engineering or architecture, the application of the slide rule in solution of engineering problems.

101. ENGINEERING DRAWING AND GRAPHICS. 0-6-2 hours.

Instructions in the proper care and use of drafting instruments, lettering, freehand sketching, orthographic projection, geometrics, dimensioning, section views, auxiliaries, working drawings, isometrics, tracing, and graphic solutions.

102. ENGINEERING DRAWING. 0-6-2 hours.

Prerequisite 101.

A continuation of Course 101. Instructions in machine drafting, isometrics, detail and assembly drawings, shop drawings, notes and dimensioning, and graphics.

104. BLUEPRINT READING FOR THE BUILDING TRADES. 0-3-1 hours.

Instructions in blueprint interpretation for trades and construction personnel. Small homes, construction projects, detail construction, materials lists, and industrial construction blueprints. Offered in Evening Division only.

119-120. ARCHITECTURAL GRAPHICS. 2-3-3 hours.

An elementary course in architectural graphics and design composition. Instructions in the fundamentals of perspective, graphics, visualization, lines, planes, color, mood, texture, static and dynamic symmetry, details, design of small objects. Designed for the Architectural major.

141. GENERAL CARTOGRAPHY. 1-3-2 hours.

A study of the history and development of modern mapping. Instructions in map uses, symbols, form, color, texture, simple projections, and map reading. Designed to meet requirements of the Geology major.

142. MAP DRAFTING. 1-3-2 hours.

Prerequisite: Course 101 or 141.

Instructions in map construction, projections, reproduction, aerial photography, composition, contours, ownership maps, plotting and sketching, types of maps and uses.

151. PETROLEUM ENGINEERING. 3-0-3 hours.

A study of oil field discovery, development, methods of oil and gas recovery, and an introduction to the refining of petroleum. Strongly recommended for the student in elementary Geology.

201-202. ADVANCED ENGINEERING DRAWING. 0-6-2 hours.

Prerequisite: Course 102 or 251.

Instructions in machine drafting and graphics, shop drawings, industrial projection drawings and dimensioning, costs, shades, shadows, detail and assembly drawings of complicated machines and scientific devices.

221-222. ARCHITECTURAL DESIGN. 2-6-4 hours.

Prerequisite: Course 120.

Instructions in sheet layouts, composition, preliminary planning, lettering, dimensioning, and basic planning for small structures.

251. DESCRIPTIVE GEOMETRY. 2-3-3 hours.

Prerequisite 101.

A study of lines, points, planes, three-dimensional problems, visualization, developments, intersections, shades, shadows and graphic solutions.

252. PLANE SURVEYING. 2-3-3 hours.

Prerequisite: Mathematics 101.

Instructions in the care and use of surveying equipment, theories of surveying, errors, measurement of distance and angles, survey computations and plotting, land descriptions, and locations.

253. PLANE TABLE SURVEYING. 1-3-2 hours.

Prerequisite: Course 252.

Instructions in the care and use of the plane table alidade, field mapping, baseline and triangulation mapping, plotting and finishing of topographic field maps.

310. INTRODUCTION TO CORROSION AND CONTROL. 3-0-3 hours.

Prerequisite: 8 hours of Chemistry.

Introduction to corrosion problems, electrochemistry of corrosion, mechanism of the electrolytic cell, prevention of corrosion cells, and practical application of specific corrosion problems.

320. MATERIALS OF INDUSTRY. 3-0-3 hours.

Prerequisite: Junior standing.

A study of industrial materials, their composition, applications, processing, and uses.

361. PETROLEUM REFINING. 3-0-3 hours.

Prerequisite: 8 hours of Chemistry.

A study of crude oils, sources, types and yields. Principles of distillation, chemistry of petroleum, detonation, cracking, thermal and catalytic.

404. STRENGTH OF MATERIALS. 3-0-3 hours.

Prerequisite: Physics 401.

A study of the internal stresses and strains of a body, when external compression, tension and shear forces are applied.

422. INDUSTRIAL APPLICATION OF ELECTRICAL PRINCIPLES. 3-0-3 hours.

Prerequisite: Physics 202.

A study of circuits and theories related to the operation of direct and alternating current equipment, such as generators, motors, and transformers. Designed primarily for Natural Science majors other than Physics, to introduce the student to the principles of electricity, and its application.

RELIGION

The purpose of the department is to introduce the student to, and acquaint him with, the major area of study in religion. Students will meet the college requirement of six hours of Bible for graduation with Religion 101 and 102 which survey the Old and New Testament from historical and literary viewpoints, with a non-sectarian emphasis on moral and spiritual principles involved. Members of churches which forbid the study of religion at a protestant institution may meet the college requirement by taking Philosophy 301, 302, or English 313, 314.

MAJOR: Twenty-four semester hours of Religion and Philosophy. The student must have credit for the following courses: Bible 101 and 102, Philosophy 301 and 302, Psychology 201 and 202, History 203 and 204 or 101 and 102. Economics 204, Sociology 101, and Education 102.

RELIGIOUS EDUCATION: Students wishing to do their major work in this department in the field of Religious Education are expected to take the courses listed above plus Religious Education 210, 211, 312 and 310 or 311. In addition it is recommended that these students take (Church) Music 343 and 344.

COURSES:

101. OLD TESTAMENT SURVEY. 3 hours.

102. NEW TESTAMENT SURVEY. 3 hours.

103. PRINCIPLES OF CHURCH ADMINISTRATION. 1 hour.

This course is designed to meet the needs of ministerial students and other Christian workers who are learning the art of leadership in applied religion.

202. THEOLOGY OF THE NEW TESTAMENT. 3 hours.

Prerequisite: Religion 102.

A treatment of the major theological and practical religious questions involved in understanding the New Testament.

203. HISTORY AND DOCTRINES OF METHODISM. 3 hours.

Prerequisite: Sophomore standing.

The study of a movement which affected the social and religious life of England in the 18th century and which influenced the cultural, religious, and political development of America. Primary sources are the works of John Wesley and secondary sources are recent interpretative biographies and histories of Methodism.

301. HISTORY OF THE CHRISTIAN CHURCH. 3 hours.

A survey of the development of the Christian Church in thought and individual life from the First Century to the Reformation. Careful study is made of the lives and writings of the leading figures of this period.

302. HISTORY OF THE CHRISTIAN CHURCH. 3 hours.

A study of the major branches of the Christian Church and trends of development since the Reformation.

303. PHILOSOPHY OF THE CHRISTIAN RELIGION. 3 hours.

The tenets of the Christian religion in terms of a philosophical approach.

305. LIFE AND TEACHINGS OF JESUS. 3 hours.

Includes the historical and political background of the period, main events in the ministry of Jesus, and literary forms and ethical teachings in the gospels.

307. COMPARATIVE RELIGION. 3 hours.

A historical survey of the major religions of the Occident and Orient: Egyptian, Greek, Roman, Indian, Chinese, Persian, Hebrew, Christian.

308. RELIGION IN AMERICA. 3 hours.

A study of the formation and progress of religious movements in America from colonial days to the middle of the Twentieth Century. Emphasis is given to the creative forces which appear with the frontier and pioneer spirit in American life.

309. LIFE AND LETTERS OF PAUL. 3 hours.

COURSES—PHILOSOPHY:

For those students majoring in the Department of Religion the following Philosophy courses will apply as Religion.

201. LOGIC. 3 hours.

Prerequisite: Sophomore standing.

An elementary course in the principles of reasoning and the organization of knowledge.

301. HISTORY OF ANCIENT AND MEDIEVAL PHILOSOPHY. 3 hours.

Prerequisite: Junior standing.

An examination of the major philosophical systems from the early Greeks to the Seventeenth Century.

302. HISTORY OF MODERN PHILOSOPHY. 3 hours.

Prerequisite: Junior standing.

An examination of the major philosophical systems from the Seventeenth Century to the present.

304. ETHICS. 3 hours.

An introduction to Ethics. A survey is made of several ancient and modern philosophies of ethics. Students are led to consider, "By what principles do I attempt to do what is right and avoid doing what is wrong?" with the aim of constructing each his own philosophy of ethics.

401. SOME PROBLEMS IN PHILOSOPHY. 3 hours.

Prerequisite: Philosophy 301 or 302.

An intensive study of certain types and problems of philosophy.

COURSES—RELIGIOUS EDUCATION

210. SURVEY OF RELIGIOUS EDUCATION. 3 hours.

Introduction to the whole field of Religious Education.

211. RELIGIOUS EDUCATION IN THE LOCAL CHURCH. 3 hours.

A course dealing with local problems in Religious Education.

310. PRINCIPLES OF TEACHING IN THE CHURCH SCHOOL. 3 hours.

A study of Christian Education in the church school with emphasis on materials and techniques. Includes study of lesson materials for different age groups, lesson planning and audio-visual aids.

312. SUPERVISED FIELD WORK.

Students will be required to observe and participate in religious education work in local churches.

SOCIOLOGY

The courses in the Department fall into three somewhat overlapping areas: 1. Courses purposed to develop the general culture of the student; 2. Courses supporting other curricula for which a knowledge of Social institutions and behavior is essential; 3. Courses needed to prepare the student for a specific profession.

The objective of the department is to help the student, whatever his prospective profession, to know himself as a responsible member of society. To do this, he must understand something of group behavior in the urban-industrial milieu of western civilization and be encouraged to recognize his relation to the total social pattern as well as to the smaller groups comprising it.

COURSES—SOCIOLOGY

101. INTRODUCTORY SOCIOLOGY. 3 hours.

An examination of cultural origins, factors in group behavior; basics of personality; and present trends in our own culture.

102. SOCIAL INSTITUTIONS. 3 hours.

Background, organization, changing character of basic social institutions, with particular reference to the western civilization.

103. INTRODUCTION TO ANTHROPOLOGY. 3 hours.

A study of ancient and modern man; race, culture, and society. Emphasis placed on the cultural approach.

201. CONTEMPORARY SOCIAL PROBLEMS. 3 hours.

Prerequisite: Sociology 101.

An examination of the various contemporary social problems, causes, extent, cost, possible solutions.

202. MARRIAGE AND FAMILY. 3 hours.

Prerequisite: Sociology 102 or three hours of psychology.

Problems related to preparation for marriage; marital adjustments; organization and function of the family.

301. COMMUNITY ORGANIZATION. 3 hours.

Prerequisite: Junior standing.

Community organization as a process in social work, its characteristics and growth. Discussion of councils of social agencies, community chest, and similar agencies primarily carrying out this process. Analysis of state-wide, national and international agencies in the field of organization for social welfare. Some attention to problems of research.

302. INTRODUCTION TO SOCIAL WORK. 3 hours.

Prerequisite: Sociology 101, 102, or Junior standing.

Underlying philosophy and basic principles of social casework. Laboratory experience with local welfare agencies.

400. SOUTHERN REGIONALISM. 3 hours.

Prerequisite: Junior standing.

A study of the population and cultural characteristics of the South as related to the history and economy of the region; recent trends and prospective changes; with reference to rural-urban developments in the region.

401. **CRIMINOLOGY.** 3 hours.

Prerequisite: Sociology 102 or three hours of psychology.

An analysis of the causative factors leading to crime; Sociological evaluation of present methods of dealing with the criminal.

402. **JUVENILE DELINQUENCY.** 3 hours.

Prerequisite: Sociology 102 or three hours of psychology.

Social and emotional adjustment problems of youth between ages of 12 and 21 years of age; an analysis of the causative factors leading to delinquency; sociological evaluation of present methods of dealing with the delinquent.

SPEECH AND DRAMATICS

The Speech and Drama Department offers courses designed to provide the student with a knowledge of the fundamental principles of speech and drama and their application to contemporary life, to qualify the student for graduate and for professional study, to prepare the student for the teaching of speech. Two programs are offered the student: a General Speech Major and a Drama Major.

MAJOR: Forty hours in speech and drama.

Requirements for General Speech Major: Speech: 101, 103, 201, 210, 213, 331, 403; Drama: 111, 203, 205, 330, 401; English: 415. Elective: Seven hours in speech and drama.

Requirements for Drama Major: Speech: 101, 201, 403; Drama: 111, 203, 205, 206, 250, 230 or 330, 307, 308, 350, 401; Electives: Six hours in drama or supplementary courses such as English 309, 310, 417, 418.

Requirements for Speech Education: Speech: 101, 103, 111, 201, 203, 205, 210, 220, 331, 401, 403.

COURSES:

101. **FUNDAMENTALS OF VOICE AND DICTION.** 3 hours.

Study of the International Phonetic Alphabet, phonics, and voice improvement.

103. **PUBLIC SPEAKING.** 3 hours.

Study of the organization and delivery of all forms of public address with the exception of discussion and debate.

109. **PLATFORM ART FOR MINISTERS.** 2 hours.

Study of the organization and delivery of sermons and other forms of public address frequently used by ministers; the study of oral Bible reading.

111. **PHILOSOPHY OF THE THEATRE.** 3 hours.

Introduction to the historical idea of a theatre, its meaning in previous and contemporary society, and its principles, tools, and creative artists.

201. **LITERARY INTERPRETATION.** 3 hours.

Techniques involved in platform reading and program presentation of prose, poetry, and drama.

203. ACTING. 3 hours.

A beginning course in the study of the stage from the standpoint of the actor.

204. ACTING. 3 hours.

A continuation of 203.

205. THEATRE FORMS AND MATERIALS. 3 hours.

A course in applied arts in staging, lighting, and scenery.

206. DESIGNING THEATRE FORMS AND MATERIALS. 3 hours.

A continuation of 205, introducing the student to the principles of design for the theatre.

210. DEBATE. 2 hours.

Study of the principles of debate with practice in competitive debating for the public and in collegiate tournaments.

213. ADVANCED PUBLIC SPEAKING. 3 hours.

Concentrated study in the more formal public address with emphasis on rhetoric, logic, and audience psychology. Prerequisite: 103.

220. DISCUSSION PRACTICES. 3 hours.

Study of the principles of participation in panels, round-tables, symposiums, forums with emphasis also placed on leadership in these forms.

230. THEATRE READING. 1 hour.

Reading course, exploring criticism and theory in the contemporary theatre, through current books and periodicals, and through class discussion.

250. HISTORIC COSTUME FOR THE STAGE. 2 hours.

Prerequisite: 205.

A survey of dress, style, and design of personal scenic elements, for theatrical production. Laboratory experience on current productions of the department.

307. HISTORY OF THE THEATRE. 3 hours.

The development of the drama from beginning to the present including highlights of great dramatists and their works and of production.

308. HISTORY OF THE THEATRE. 3 hours.

Continuation of 307.

310. DEBATE. 2 hours.

Continuation of 210.

312. ADVANCED LITERARY INTERPRETATION. 3 hours.

Prerequisite: 201, junior standing.

Study of all types of material adaptable for oral presentation, planning of programs, presentation of reading hours.

330. THEATRE READING. 1 hour.

331. SPEECH CRITICISM. 1 hour.

Prerequisite: 103, junior standing or consent of instructor.

Study of current speeches and principles of evaluation.

350. HISTORIC COSTUME FOR THE STAGE. 2 hours.

Continuation of 250.

401. DIRECTING. 3 hours.

A study of the development of the director and his responsibilities in the theatre, together with a survey of production principles. One-act plays produced by members of the class. Senior speech or drama majors only.

403. SEMINAR. 2 hours.

Prerequisite: senior standing or consent of the instructor.

An advanced course arranged for the individual major's requirements.

410. DEBATE. 2 hours.

Continuation of 210 and 310.

ENROLLMENT STATISTICS

SUMMER 1959

	Men	Women	Total
Summer Session	360	277	637

FALL 1959-60

	Men	Women	Total
Freshmen	136	124	260
Sophomores	105	87	192
Juniors	101	59	160
Seniors	<u>91</u>	<u>67</u>	<u>158</u>
Total Full-time	433	337	770
Specials	<u>572</u>	<u>271</u>	<u>843</u>
Total Enrollment	1005	608	1613

SPRING 1959-60

	Men	Women	Total
Freshmen	106	106	212
Sophomores	90	64	154
Juniors	93	54	147
Seniors	<u>104</u>	<u>63</u>	<u>167</u>
Total Full-time	393	287	680
Specials	<u>462</u>	<u>256</u>	<u>718</u>
Total Enrollment	855	543	1398

DEGREES CONFERRED IN 1960

BACHELOR OF ARTS

Margaret Cornelia Agurs
Dee W. Akins III
Tommy Ray Bergeron
Sara Allison Burroughs
William Elva Carpenter, Jr.
Jeri Diane Cassady
Joe Martin Chambers
James Hill Cline
Rennie Wynn Culver
Barbara Jane Darnell
Truly Anne Drake
Hoyt Nolan Duggan
Elaine Elliott
Linda Jo Fisher

Lewis W. Fletcher
Julia Conger Galloway
Zina Alexandra Hengy
Barbara Ann Hyde
James Norman Jones
patherine Ilean Mack
Judith Anne Parker
Harold Lee Price
Margaret Ruth Yeates Robertson
Eunice Reese Spence
Nora-Bess Stafford
Alice Joan Templeton
Leonard Deen Thompson
John Davis Ward

Barbara Hendrix Watson

BACHELOR OF MUSIC

Linda Walters Byrd
Carol Ann DeShazo
Martha Ann Dickens
Adrien Fernand Geoffray
Kay Kinard
Sue Hebert McConnell

Marguerite S. McDowell
James Rex Riley
Walter Allen Sherman
Donald Mathew Smith
Sara Pryor Stone
Abbie Terry

Charles Lofton Wilder

BACHELOR OF SCIENCE

Ralph H. Akin, Jr.
William Rufus Ambrose
Ian Richard Bonneland Andersen
Glenn Festus Armstrong
Glen Eldred Arnold
Amos Cortez Austin
Bobby Gene Avett
Mary Maxine Bailey
Fuller Warren Bazer
Bobby Jim Bellar
Kenneth Rhoma Bennett
Edward Oscar Blackburn
Peter Bryan Boggs
Mary Beth Bomar
Margaret Anne Cowen Boone
Elizabeth Ann Bostick
Camille Margaret Brocato
Marjorie Nell Brothers
John Kimberlin Butcher
Charles Lee Byrd
Vicky Polancic Caldwell
Donald Overton Callen
Earl Paul Cantrelle
Oliver Charles Clifford III
Joe Vernon Clouse
Florence Cole Collins
Faye Linda Cox

Frank Vestal Cox
Robert Lindan Cox, Jr.
Ralph A. Cranston
James Eugene Crosslin
Linda Kay Cunningham
Freta Sullivan Daniel
Carey Lloyd Davis
Richard Isaac Day
Olan O. Dickerson
Phillip Wayne Dickey
Peggy Ann Eaves
Robert Allen Elkins
Fred Raymond Emswiller, Jr.
Willie Mae B. Ervin
Billy Ausbon Eubanks
Marjorie Dukes Eubanks
David Lee Forte
Arthur Benjamin Frank, Jr.
James Edward Franklin
Mary Louise Gassen
Connie Rhee Gathright
David Lee Gay
Dennis A. Gibson, Jr.
Larry G. Greene
Stanley W. Hailey
Anne Elizabeth Hardtner
Peggy Henley Harper

Penelope Ruth Hawkins
 William Kendrick Hayes, Jr.
 Robert Ethiel Hearn
 Alvara Pio Hernandez C.
 Paula Naremore Hoge
 Gerald Alfred Irvin
 Katherine Anne Jackson
 Judy A. James
 Corrie Virginia Johnson
 Raymond LeRoy Johnson
 William Preston Jones, Jr.
 Patsy Ann Miller Kennedy
 Coan Ira Knight, Jr.
 Jerome Charles Lahey
 Mary Griffin Lawton
 Eleanor Harmon Lewis
 Jeanette Dove Lewis
 Vilas Vishwanath Likhite
 James Rhea Love
 Mary Lou Low
 Mary Anne McClendon
 Roy Clevis McCoy III
 Marietta Tannehill McDade
 Larry Wayne McGowan
 Martha Ann McMillen
 Robert Larue McNeese
 Lee A. McNew, Jr.
 Bettye Ann McQueen
 Gerald Anthony Martello
 Paula Lynn Martin
 William L. Martin
 Mona Holloway Mason
 Bradford Hudson Mayo
 Jimmy Glenn Merritt
 Eddie G. Miller
 Virginia Parrott Mitchell
 Merrill Edward Monk
 Pheribie Auline Monroe
 William Robert Moore
 Toney Jack Morelock
 Mary Ellen Murphree
 Bruce Gary Oken
 Ellen Jacqueline Ott
 Patricia Yvonne Owen
 Joseph N. Page
 Carolyn Ann Farley Palmer
 Patricia Lorice Boddie Paul

Thomas H. Payne
 Suzanne McCallum Pelton
 Kenneth Richard Phillips, Jr.
 Edna Leysath Pye
 Henry Thomas Pye III
 Carolyn Vick Raley
 Lester Ralph
 Wesley Don Ratcliff
 James Sherman Rogers
 Sue Goldstein Rubenstein
 James Clarence Schamerhorn
 Robert Haines Shaw
 Maaz D. Shukayr
 Robert Keith Sims
 James Bradley Slack
 Ann Dale Smith
 Bess Lee Smith
 Kay Hawkins Smith
 Elizabeth Ann Snellgrove
 Nora-Bess Stafford
 William H. Steen, Jr.
 Wayne Floyd Stoddard III
 Norma Kay Strother
 James Earl Sullivan
 Ann Rice Swanzy
 Donald Eugene Taylor
 Kirby Murrell Teddie
 Gloria Hall Thweatt
 Walter Alan Trimble
 T. Alex Vaught
 Stephen Thomas Victory
 Mary Beatrice Wakeman
 Charles Ray Walker
 William Gary Walters
 Joseph Donald Warner
 John D. Weaver
 Patricia Jelks Whisenhunt
 Loren J. White
 Stephens M. White, Jr.
 Louise Matthews Williamson
 Fred Spencer Willis
 Gladden W. Willis
 Carol Ann Winning
 Joe Edd Withrow
 Martha Reed Wojecki
 Dalna Elaine Worley
 Martha Brooks Wynn

HONORARY DEGREES

Nathaniel Hawthorne Melbert, Doctor of Divinity
 Clarence Hungerford Webb, Doctor of Laws

HONORS

Margaret Cornelia Agurs, cum laude
 Linda Kay Cunningham, cum laude
 Truly Anne Drake, cum laude
 Hoyt Nolan Duggan, cum laude
 Julia Conger Galloway, cum laude
 Penelope Ruth Rawkins, cum laude

Abbie Terry, magna cum laude

Mary Griffin Lawton, cum laude
 Mary Ellen Murphree, cum laude
 Sue Goldstein Rubenstein, cum laude
 Alice Joan Templeton, cum laude
 Zina Alexandra Hengy, magna cum laude
 Carolyn Vick Raley, magna cum laude

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